

=> d his nofile

(FILE 'HOME' ENTERED AT 15:58:01 ON 31 MAY 2006)

FILE 'REGISTRY' ENTERED AT 15:58:06 ON 31 MAY 2006

L1 STRUCTURE UPLOADED  
L2 1 SEA SSS SAM L1  
D SCAN  
L3 36 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 15:59:48 ON 31 MAY 2006

L4 17 SEA ABB=ON PLU=ON L3

FILE 'REGISTRY' ENTERED AT 16:00:00 ON 31 MAY 2006

L5 STRUCTURE UPLOADED  
L6 15 SEA SSS SAM L5  
L7 298 SEA SSS FUL L5

FILE 'CAPLUS' ENTERED AT 16:03:29 ON 31 MAY 2006

L8 63 SEA ABB=ON PLU=ON L7

FILE 'REGISTRY' ENTERED AT 16:03:36 ON 31 MAY 2006

L9 STRUCTURE UPLOADED  
L10 9 SEA SSS SAM L9  
L11 223 SEA SSS FUL L9

FILE 'CAPLUS' ENTERED AT 16:04:23 ON 31 MAY 2006

L12 427 SEA ABB=ON PLU=ON L11

FILE 'REGISTRY' ENTERED AT 16:04:28 ON 31 MAY 2006

L13 STRUCTURE UPLOADED  
L14 6 SEA SSS SAM L13  
L15 109 SEA SSS FUL L13

FILE 'CAPLUS' ENTERED AT 16:05:30 ON 31 MAY 2006

L16 155 SEA ABB=ON PLU=ON L15

FILE 'REGISTRY' ENTERED AT 16:06:32 ON 31 MAY 2006

L17 19 SEA ABB=ON PLU=ON (L3 AND (L7 OR L11 OR L15)) OR (L7 AND (L11 OR L15)) OR (L11 AND L15)

FILE 'CAPLUS' ENTERED AT 16:08:32 ON 31 MAY 2006

L18 13 SEA ABB=ON PLU=ON L17  
L19 56 SEA ABB=ON PLU=ON (L4 AND (L8 OR L12 OR L16)) OR (L8 AND (L12 OR L16)) OR (L12 AND L16)  
L20 56 SEA ABB=ON PLU=ON (L18 OR L19)  
L\*\*\* DEL 543 S (L4 AND L8 OR L12 OR L16)  
L21 12 SEA ABB=ON PLU=ON L4 AND (L8 OR L12 OR L16)  
L22 21 SEA ABB=ON PLU=ON L8 AND ((L12 OR L16))  
L23 44 SEA ABB=ON PLU=ON L12 AND L16  
L24 16 SEA ABB=ON PLU=ON (L21 AND (L22 OR L23)) OR (L22 AND L23)

FILE 'REGISTRY' ENTERED AT 16:13:50 ON 31 MAY 2006

L25 7 SEA ABB=ON PLU=ON (L3 AND (L7 OR L11 OR L15))  
L26 11 SEA ABB=ON PLU=ON (L7 AND (L11 OR L15))  
L27 7 SEA ABB=ON PLU=ON (L11 AND L15)  
L28 5 SEA ABB=ON PLU=ON (L25 AND (L26 OR L27)) OR (L26 AND L27)  
D SCAN

FILE 'CAPLUS' ENTERED AT 16:15:32 ON 31 MAY 2006  
E US2004-516674/APPS

L29 1 SEA ABB=ON PLU=ON US2004-516674/AP  
SEL RN L29

FILE 'REGISTRY' ENTERED AT 16:16:25 ON 31 MAY 2006

L30 6 SEA ABB=ON PLU=ON (133855-98-8/BI OR 175013-18-0/BI OR  
221201-92-9/BI OR 636603-36-6/BI OR 636603-37-7/BI OR 636603-38  
-8/BI)  
D SCAN  
L31 2 SEA ABB=ON PLU=ON L30 AND L28  
L32 0 SEA ABB=ON PLU=ON L19 NOT L18

FILE 'CAPLUS' ENTERED AT 16:18:41 ON 31 MAY 2006

L33 43 SEA ABB=ON PLU=ON L19 NOT L18  
L34 1 SEA ABB=ON PLU=ON L33 NOT (PY>2002 OR AY>2002 OR PRY>2002)  
L35 14 SEA ABB=ON PLU=ON (L18 OR L34)  
L36 26 SEA ABB=ON PLU=ON (L35 OR L24)  
E AMMERMAN E/AU  
L37 583 SEA ABB=ON PLU=ON ("AMMERMAN E"/AU OR "AMMERMAN EBERHARD"/A  
U OR "AMMERMAN EBERHARD DR"/AU OR "AMMERMAN ERBERHARD"/AU)  
E STIERL R/AU  
L38 197 SEA ABB=ON PLU=ON ("STIERL R"/AU OR "STIERL REINHARD"/AU OR  
"STIERL RHEINHARD"/AU)  
E SCHOFU U/AU  
L39 3 SEA ABB=ON PLU=ON ("SCHOFU U"/AU OR "SCHOFU U A"/AU OR  
"SCHOFU ULRICH"/AU)  
E STRATHMAN S/AU  
L40 353 SEA ABB=ON PLU=ON ("STRATHMAN S"/AU OR "STRATHMAN SIEGFRIED  
"/AU OR "STRATHMAN SIEGRIED"/AU)  
E SCHELBERGER K/AU  
L41 123 SEA ABB=ON PLU=ON ("SCHELBERGER K"/AU OR "SCHELBERGER  
KLAUS"/AU)  
E SCHERER M/AU  
L42 264 SEA ABB=ON PLU=ON ("SCHERER M"/AU OR "SCHERER M A"/AU OR  
"SCHERER M DON"/AU OR "SCHERER M M"/AU OR "SCHERER M N"/AU OR  
"SCHERER M S"/AU OR "SCHERER M T"/AU OR "SCHERER MARIA"/AU)  
E HADEN E/AU  
L43 34 SEA ABB=ON PLU=ON ("HADEN E"/AU OR "HADEN EGON"/AU)  
L44 376 SEA ABB=ON PLU=ON (L37 AND (L38 OR L39 OR L40 OR L41 OR L42  
OR L43)) OR (L38 AND (L39 OR L40 OR L41 OR L42 OR L43)) OR  
(L39 AND (L40 OR L41 OR L42 OR L43)) OR (L40 AND (L41 OR L42  
OR L43)) OR (L41 AND (L42 OR L43)) OR (L42 AND L43)  
L45 119 SEA ABB=ON PLU=ON L44 NOT (PY>2002 OR AY>2002 OR PRY>2002)  
L46 373 SEA ABB=ON PLU=ON L44 AND FUNG?/OBI  
L47 119 SEA ABB=ON PLU=ON L45 AND FUNG?/OBI  
L48 59 SEA ABB=ON PLU=ON L46 AND (BENZ?/OBI OR AZOL?/OBI)  
L49 89 SEA ABB=ON PLU=ON L46 AND (BENZ? OR AZOL?)/BI  
L50 89 SEA ABB=ON PLU=ON (L48 OR L49)  
L51 31 SEA ABB=ON PLU=ON L50 NOT (PY>2002 OR AY>2002 OR PRY>2002)

=> file caplus

FILE 'CAPLUS' ENTERED AT 16:31:26 ON 31 MAY 2006

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Section cross-reference(s): 5

ST pyrimidyl benzyl ether prepn fungicide pesticide

IT Acaricides

Fungicides

Insecticides

Nematocides

Pesticides

(preparation of pyrimidyl Ph and benzyl ethers as fungicides and pesticides)

IT 159037-50-0P 197140-51-5P 197140-52-6P 197140-53-7P,  
4-Hydroxy-2-ethyl-6-acetylpyrimidine 197140-54-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of pyrimidyl Ph and benzyl ethers as fungicides and pesticides)

IT 197139-85-8P 197139-88-1P 197139-91-6P 197139-94-9P 197139-97-2P  
197140-00-4P 197140-03-7P 197140-06-0P 197140-09-3P 197140-12-8P  
197140-15-1P 197140-18-4P 197140-21-9P 197140-22-0P 197140-25-3P  
197140-26-4P 197140-27-5P 197140-28-6P 197140-29-7P 197140-30-0P  
197140-31-1P 197140-32-2P 197140-33-3P 197140-34-4P 197140-35-5P  
197140-36-6P 197140-37-7P 197140-38-8P 197140-39-9P 197140-40-2P  
197140-41-3P 197140-42-4P 197140-43-5P 197140-44-6P 197140-45-7P  
197140-46-8P 197140-47-9P 197140-48-0P 197140-49-1P 197140-50-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrimidyl Ph and benzyl ethers as fungicides and pesticides)

IT 105-58-8, Diethyl carbonate 2687-43-6, Benzyloxyamine  
hydrochloride 3599-89-1, Propionamidine hydrochloride 57308-62-0,  
2-Methyl-2-acetyl-1,3-dioxolane 133409-72-0, (E)-Methyl  
2-(methoxyimino)-2-[2-(bromomethyl)phenyl]acetate 197140-55-9,  
4-Hydroxy-2-acetylpyrimidine hydrochloride

RL: RCT (Reactant); RACT (Reactant or reagent)

(starting material; preparation of pyrimidyl Ph and benzyl ethers as fungicides and pesticides)

L51 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:568085 CAPLUS

DOCUMENT NUMBER: 127:234254

TITLE: Preparation of 2-[[6-(1-alkoximinoalkyl)-2-pyridyl]oxy(methyl)]- $\alpha$ -(alkoximino)phenylacetates and analogs as agrochemical fungicides

INVENTOR(S): Oberdorf, Klaus; Grammenos, Wassilios; Sauter, Hubert; Grote, Thomas; Muller, Bernd; Kirstgen, Reinhard; Muller, Ruth; Bayer, Herbert; Ptock, Arne; Rack, Michael; Harreus, Albrecht; Rohl, Franz; Lorenz, Gisela; Ammermann, Eberhard; Strathmann, Siegfried; Harries, Volker

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

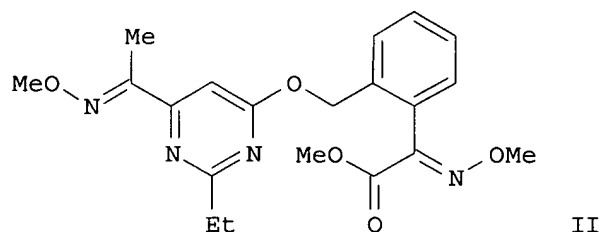
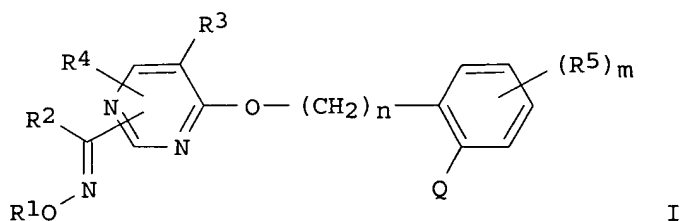
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

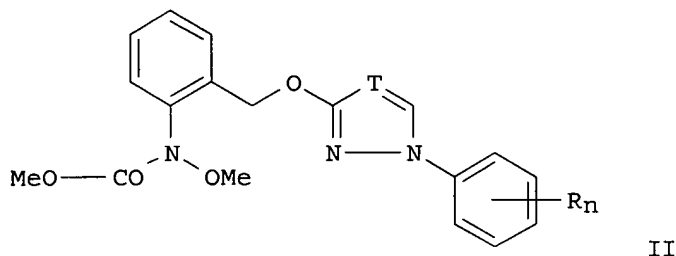
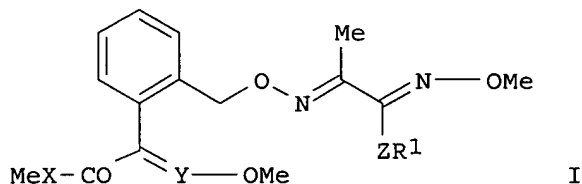
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9733874	A1	19970918	WO 1997-EP1123	19970306
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19609618	A1	19970918	DE 1996-19609618	19960312
AU 9720956	A1	19971001	AU 1997-20956	19970306
EP 888311	A1	19990107	EP 1997-906176	19970306
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2000506179	T2	20000523	JP 1997-532253	19970306
ZA 9702072	A	19980911	ZA 1997-2072	19970311
US 6153560	A	20001128	US 1998-142687	19980909
PRIORITY APPLN. INFO.:			DE 1996-19609618	A 19960312
			WO 1997-EP1123	W 19970306
OTHER SOURCE(S):		CASREACT 127:293239; MARPAT 127:293239		
GI				



- AB Pyrimidyl Ph and **benzyl** ethers I and their salts and N-oxides are disclosed [in which Q = C(CO<sub>2</sub>Me):CHMe, C(CO<sub>2</sub>Me):CHOMe, C(CONHMe):CHOMe, C(CONH<sub>2</sub>):NOMe, C(CONHMe):NOMe or N(OMe)CO<sub>2</sub>Me; n = 0 or 1; R<sub>1</sub> = H, organic radical bonded via a C atom; R<sub>2</sub> = H, cyano, halo, or an organic radical bonded via C, O, S, or N; R<sub>3</sub> = H, halo, alkyl, or haloalkyl; R<sub>4</sub> = H, cyano, nitro, halo, or an organic radical bonded via C, O, S, or N; m = 0-3, where the radicals R<sub>5</sub> may be different if m is 2 or 3; R<sub>5</sub> = cyano, halo, alkyl, haloalkyl, alkoxy], as well as processes and intermediates for their production, and their use as pesticides (no data) and fungicides. Forty compds. (all with n = 1) were prepared For instance, etherification of 4-hydroxy-2-ethyl-6-acetylpyrimidine with (E)-Me 2-(methoxyimino)-2-[2-(bromomethyl)phenyl]acetate using K<sub>2</sub>CO<sub>3</sub> in DMF, followed by oximation of the acetyl group with MeONH<sub>2</sub>.HCl in MeOH, gave title compound II. In a test against *Plasmopara viticola* on grapevine, II at 250 ppm reduced infection to 15% or less, vs. 80% infection for untreated controls.
- IC ICM C07D239-32  
ICS A01N043-54
- CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))



AB Fungicidal mixts. contain in a synergetically effective amount an oxime ether I [X = O or NH; Y = CH or N; Z = O, S, NH or alkylamino; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl, **benzyl**, etc.]; carbamates II [T = CH or N, n is 0, 1 or 2; and R = halo or (halo)alkyl] and Captan or Folpet.

IC ICM A01N037-52  
ICS A01N047-24; A01N037-52; A01N047-02; A01N047-24; A01N047-02

CC 5-2 (Agrochemical Bioregulators)

ST carbamate oxime ether synergism **fungicide**

IT **Fungicides**  
(synergistic; carbamate- and oxime ether-containing compns.)

IT 198623-89-1 198623-90-4 198623-91-5 198623-92-6 198623-93-7  
198623-94-8 198623-95-9 198623-96-0  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicide**)

IT 133-06-2D, Captan, mixts. containing 133-07-3D, Folpet, mixts. containing  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicides**)

L51 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:623155 CAPLUS

DOCUMENT NUMBER: 127:293239

TITLE: Pyrimidyl phenyl and **benzyl** ethers, process and intermediate products for their production, and their use as **fungicides** and pesticides

INVENTOR(S): Oberdorf, Klaus; Grammenos, Wassilios; Sauter, Hubert; Grote, Thomas; Muller, Bernd; Kirstgen, Reinhard; Bayer, Herbert; Ptock, Arne; Rack, Michael; Harreus, Albrecht; Rohl, Franz; **Ammermann, Eberhard**; Harries, Volker; Lorenz, Gisela; **Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

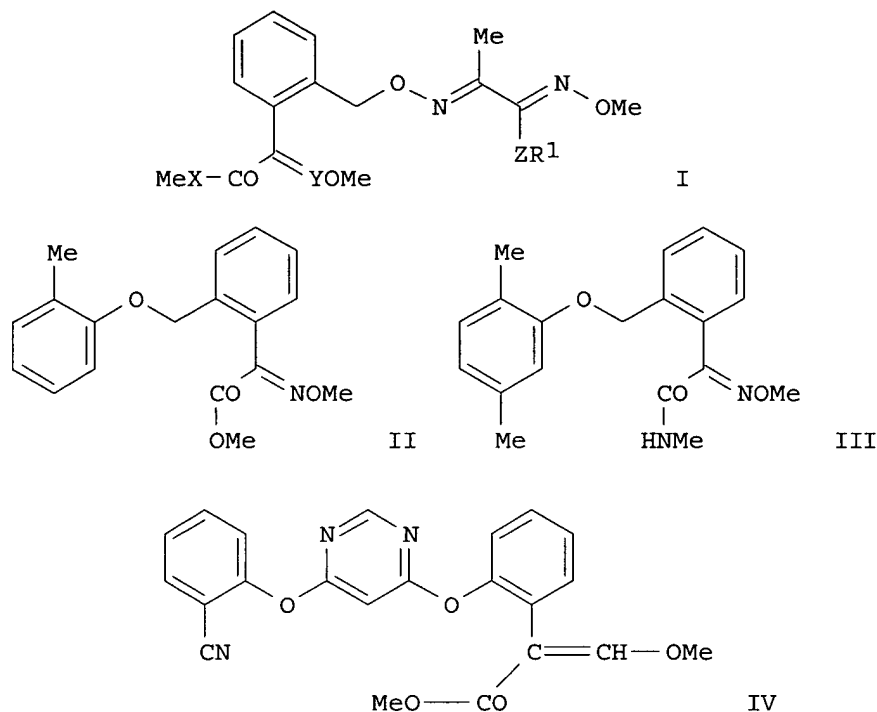
PATENT INFORMATION:

119446-68-3D, Difenconazole, mixts. with oxime ethers 125116-23-6D, Metconazole, mixts. with oxime ethers 133855-98-8D, Epoxiconazole, mixts. with oxime ethers 136426-54-5D, Fluquinconazole, mixts. with oxime ethers 144167-04-4D, mixts. with oxime ethers 145451-07-6D, mixts. with oxime ethers 152542-38-6D, mixts. with oxime ethers  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicides**)

L51 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740066 CAPLUS  
 DOCUMENT NUMBER: 127:356178  
 TITLE: Synergistic **fungicidal** mixtures  
 INVENTOR(S): Mueller, Ruth; Bayer, Herbert; Sauter, Hubert;  
**Ammermann, Eberhard**; Lorenz, Gisela;  
**Strathmann, Siegfried**; **Schelberger, Klaus**; **Scherer, Maria**; Leyendecker, Joachim; Mueller, Bernd  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 27 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740672	A1	19971106	WO 1997-EP1668	19970403
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2252534	AA	19971106	CA 1997-2252534	19970403
AU 9725081	A1	19971119	AU 1997-25081	19970403
AU 732286	B2	20010412		
EP 900008	A1	19990310	EP 1997-916430	19970403
EP 900008	B1	20020703		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, FI				
CN 1216441	A	19990512	CN 1997-194055	19970403
BR 9708831	A	19990803	BR 1997-8831	19970403
NZ 332099	A	20000327	NZ 1997-332099	19970403
JP 2000509048	T2	20000718	JP 1997-538488	19970403
IL 126233	A1	20001206	IL 1997-126233	19970403
AT 219882	E	20020715	AT 1997-916430	19970403
ZA 9703534	A	19981026	ZA 1997-3534	19970424
MX 9808774	A	20000531	MX 1998-8774	19981022
US 6083970	A	20000704	US 1998-171602	19981022
PRIORITY APPLN. INFO.:			DE 1996-19616684	A 19960426
			DE 1996-19617233	A 19960430
			DE 1996-19635518	A 19960902
			WO 1997-EP1668	W 19970403
OTHER SOURCE(S):	MARPAT	127:356178		
GI				



AB This invention concerns a fungicide mixture containing in a synergistically effective amount an oxime ether I [X = O or NH; Y = CH or N; Z = O, S, NH or alkyl amino; R<sub>1</sub> = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl or (un)substituted **benzyl**] and at least one compound selected from the oxime ether carboxylic acid ester II, the oxime ether carboxylic acid amide III and the methoxyacrylic acid ester IV, and/or one or more **azole** derivative

ICM A01N037-52

ICS A01N037-52; A01N055-00; A01N047-38; A01N043-653; A01N043-54; A01N037-50

CC 5-2 (Agrochemical Bioregulators)

ST oxime ether compn **fungicide** synergism

IT **Fungicides**

(synergistic; oxime ether-containing compns.)

IT 198956-72-8 198956-73-9 198956-74-0 198956-75-1 198956-76-2  
198956-77-3 198956-78-4 198956-79-5

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicide**)

IT 60207-90-1D, Propiconazole, mixts. with oxime ethers 67747-09-5D, Prochloraz, mixts. with oxime ethers 68694-11-1D, Triflumizole, mixts. with oxime ethers 76674-21-0D, Flutriafof, mixts. with oxime ethers 79983-71-4D, Hexaconazole, mixts. with oxime ethers 83657-24-3D, Diniconazole, mixts. with oxime ethers 85509-19-9D, Flusilazole, mixts. with oxime ethers 88671-89-0D, Myclobutanil, mixts. with oxime ethers 94361-06-5D, Cyproconazole, mixts. with oxime ethers 107534-96-3D, Tebuconazole, mixts. with oxime ethers 112281-77-3D, Tetraconazole, mixts. with oxime ethers 114369-43-6D, Fenbuconazole, mixts. with oxime ethers 116255-48-2D, Bromuconazole, mixts. with oxime ethers

AB This invention concerns fungicide mixts. containing in a synergistically effective amount an oxime ether I [X = O or NH; Y = CH or N; Z = O, S, NH or alkyl amino; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl, **benzyl**, etc.] and/or a carbamate II [T = CH or N; n = 0, 1 or 2; R = halo or (halo)alkyl] and fenarimol.

IC ICM A01N037-52  
ICS A01N047-24; A01N037-52; A01N043-54; A01N047-24; A01N043-54

CC 5-2 (Agrochemical Bioregulators)

ST synergism **fungicide** carbamate oxime ether fenarimol

IT **Fungicides**  
(synergistic; fenarimol-contg, mixts.)

IT 198471-97-5 198471-98-6  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicide**)

IT 60168-88-9D, Fenarimol, mixts. containing  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicides**)

L51 ANSWER 21 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740068 CAPLUS

DOCUMENT NUMBER: 128:11108

TITLE: Synergistic **fungicide** mixtures

INVENTOR(S): Mueller, Ruth; Bayer, Herbert; Sauter, Hubert;  
**Ammermann, Eberhard; Lorenz, Gisela;**  
**Strathmann, Siegfried; Schelberger,**  
**Klaus;** Saur, Reinhold

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740674	A1	19971106	WO 1997-EP2020	19970422
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9727007	A1	19971119	AU 1997-27007	19970422
EP 900010	A1	19990310	EP 1997-920734	19970422
EP 900010	B1	20020403		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2000509054	T2	20000718	JP 1997-538536	19970422
AT 215308	E	20020415	AT 1997-920734	19970422
ZA 9703621	A	19990412	ZA 1997-3621	19970425
US 6211236	B1	20010403	US 1998-171619	19981022
PRIORITY APPLN. INFO.:			DE 1996-19616722	A 19960426
			DE 1996-19616725	A 19960426
			DE 1996-19617073	A 19960429
			DE 1996-19635507	A 19960902
			DE 1996-19635512	A 19960902
			DE 1996-19635513	A 19960902
			WO 1997-EP2020	W 19970422
OTHER SOURCE(S):		MARPAT 128:11108		
GI				



**Ammermann, Eberhard; Lorenz, Gisela;  
Strathmann, Siegfried; Schelberger,  
Klaus; Mappes, Dietrich; Leyendecker, Joachim;  
Mueller, Bernd**

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

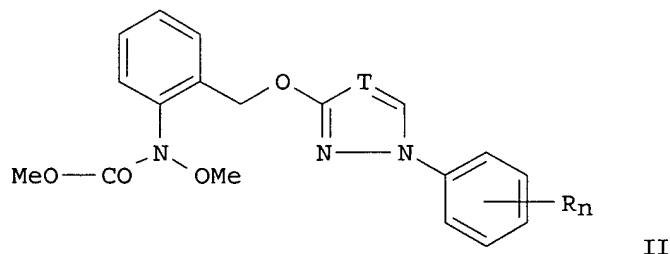
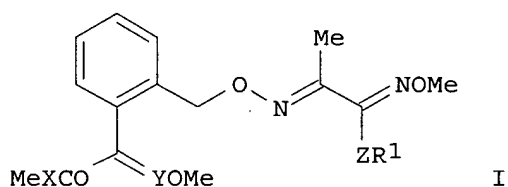
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740675	A1	19971106	WO 1997-EP2021	19970422
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2252639	AA	19971106	CA 1997-2252639	19970422
AU 9727668	A1	19971119	AU 1997-27668	19970422
AU 732287	B2	20010412		
EP 900012	A1	19990310	EP 1997-921687	19970422
EP 900012	B1	20020327		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI				
CN 1216437	A	19990512	CN 1997-194011	19970422
BR 9708827	A	19990803	BR 1997-8827	19970422
NZ 331767	A	20000228	NZ 1997-331767	19970422
JP 2000509381	T2	20000725	JP 1997-538537	19970422
AT 214875	E	20020415	AT 1997-921687	19970422
ZA 9703531	A	19981024	ZA 1997-3531	19970424
US 6194417	B1	20010227	US 1998-155089	19980921
PRIORITY APPLN. INFO.:			DE 1996-19616682	A 19960426
			DE 1996-19617235	A 19960430
			DE 1996-19635510	A 19960902
			WO 1997-EP2021	W 19970422

OTHER SOURCE(S): MARPAT 127:356179

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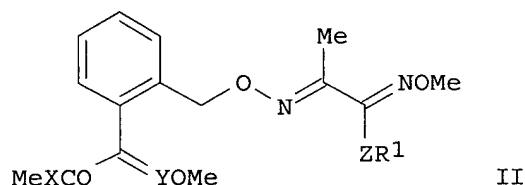
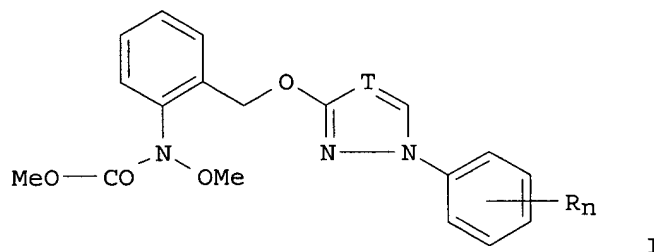


PT 900013	T	20020228	PT 1997-921703	19970423
TW 422682	B	20010221	TW 1997-86105486	19970426
US 6083946	A	20000704	US 1998-171601	19981022
GR 3036604	T3	20011231	GR 2001-401465	20010912

PRIORITY APPLN. INFO.:

DE 1996-19616681	A	19960426
DE 1996-19616688	A	19960426
DE 1996-19635504	A	19960902
WO 1997-EP2044	W	19970423

OTHER SOURCE(S):                    MARPAT 127:356180  
GI



- AB This invention concerns a fungicide mixture containing, in synergistically effective quantities, a carbamate I [T = CH or N; n = 0, 1 or 2; R = halo or (halo)alkyl] and/or an oxime ether II [X = O or NH; Y = CH or N; Z is O, S, NH or alkyl amino; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl, **benzyl**, etc.] and an acaricide, i.e. fenazaquin, tebufenpyrad, pyridaben or fenpyroximate.
- IC ICM A01N037-52  
ICS A01N047-24; A01N037-52; A01N043-58; A01N043-56; A01N043-54;  
A01N047-24; A01N043-58; A01N043-56; A01N043-54
- CC 5-2 (Agrochemical Bioregulators)
- ST synergism **fungicide** carbamate oxime ether
- IT **Fungicides**  
(synergistic; compns. containing carbamate and/or oxime ether)
- IT 198545-33-4 198545-34-5 198545-35-6 198545-36-7 198545-37-8  
198545-38-9 198545-39-0 198545-40-3 198545-42-5 198545-43-6  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicide**)
- IT 96489-71-3D, Pyridaben, mixts. containing 119168-77-3D, Tebufenpyrad, mixts. containing 120928-09-8D, Fenazaquin, mixts. containing 134098-61-6D, Fenpyroximate., mixts. containing  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicides**)

L51 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1997:740069 CAPLUS  
DOCUMENT NUMBER: 127:356179  
TITLE: Synergistic **fungicide** mixtures  
INVENTOR(S): Mueller, Ruth; Bayer, Herbert; Sauter, Hubert;

AB This invention concerns a fungicide mixture containing in a synergistically effective amount an oxime ether I [X = O or NH; Y = CH or N; Z is O, S, NH or (halo)alkyl; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl, **benzyl**, etc.] and a dithiocarbamate, i.e. mancozeb, maneb, metiram or zineb, and/or cymoxanil.

IC ICM A01N037-52  
ICS A01N037-52; A01N047-34; A01N047-14

CC 5-2 (Agrochemical Bioregulators)

ST synergism **fungicide** carbamate ditiocarbamate cymoxanil

IT **Fungicides**  
(synergistic; carbamate- and/or ditiocarbamate-containing compns.)

IT 198555-29-2 198555-31-6 198555-33-8 198555-35-0 198555-38-3  
198555-40-7  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicide**)

IT 8018-01-7D, Mancozeb, mixts. containing 12122-67-7D, Zineb, mixts. containing 12427-38-2D, Maneb, mixts. containing 12544-84-2D, mixts. containing 57966-95-7D, Cymoxanil, mixts. containing  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicides**)

L51 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740070 CAPLUS

DOCUMENT NUMBER: 127:356180

TITLE: Synergistic **fungicide** mixtures

INVENTOR(S): Mueller, Bernd; Sauter, Hubert; **Ammermann, Eberhard**; Lorenz, Gisela; **Strathmann, Siegfried**; **Schelberger, Klaus**; **Scherer, Maria**; Mappes, Dietrich; Bayer, Herbert; Mueller, Ruth

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 30 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740676	A1	19971106	WO 1997-EP2044	19970423
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2252684	AA	19971106	CA 1997-2252684	19970423
AU 9727681	A1	19971119	AU 1997-27681	19970423
AU 732261	B2	20010412		
ZA 9703475	A	19981023	ZA 1997-3475	19970423
EP 900013	A1	19990310	EP 1997-921703	19970423
EP 900013	B1	20010829		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI				
CN 1216439	A	19990512	CN 1997-194052	19970423
BR 9708871	A	19990803	BR 1997-8871	19970423
NZ 332078	A	20000526	NZ 1997-332078	19970423
JP 2000509059	T2	20000718	JP 1997-538547	19970423
IL 126234	A1	20010128	IL 1997-126234	19970423
AT 204706	E	20010915	AT 1997-921703	19970423
ES 2163762	T3	20020201	ES 1997-921703	19970423

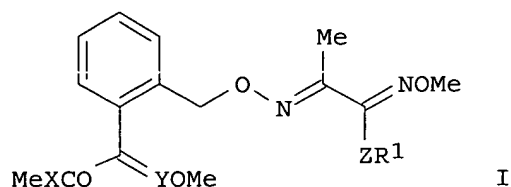
ICS A01N047-24; A01N037-52; A01N047-12; A01N047-24; A01N047-12  
 CC 5-2 (Agrochemical Bioregulators)  
 ST synergism **fungicide** carbamate oxime ether mixt  
 IT **Fungicides**  
 (synergistic; carbamate and oxime ether mixts.)  
 IT 198884-07-0 198884-09-2  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicide**)  
 IT 24579-73-5D, Propamocarb, mixts. with carbamates and/or oxime ethers  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicides**)

L51 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740071 CAPLUS  
 DOCUMENT NUMBER: 127:356181  
 TITLE: Synergistic **fungicide** mixtures  
 INVENTOR(S): Muller, Ruth; Bayer, Herbert; Sauter, Hubert;  
 Ammermann, Eberhard; Lorenz, Gisela;  
 Strathmann, Siegfried; Schelberger,  
 Klaus; Scherer, Maria  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 25 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

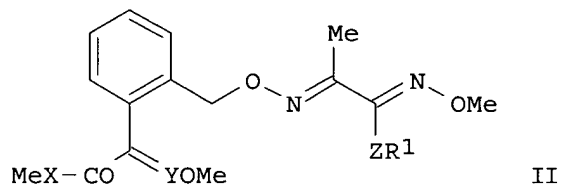
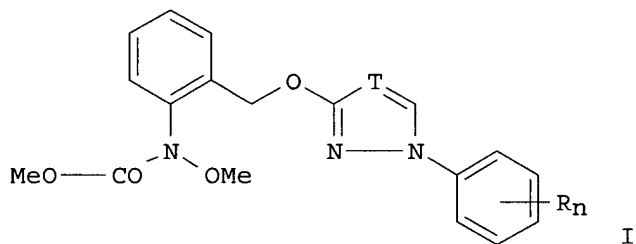
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740677	A1	19971106	WO 1997-EP2046	19970423
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9727682	A1	19971119	AU 1997-27682	19970423
EP 900014	A1	19990310	EP 1997-921704	19970423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE				
JP 2000509060	T2	20000718	JP 1997-538549	19970423
TW 423958	B	20010301	TW 1997-86105284	19970423
ZA 9703533	A	19981026	ZA 1997-3533	19970424
US 6114378	A	20000905	US 1998-171522	19981021
PRIORITY APPLN. INFO.:				
			DE 1996-19616683	A 19960426
			DE 1996-19616685	A 19960426
			DE 1996-19617072	A 19960429
			DE 1996-19635509	A 19960902
			DE 1996-19635514	A 19960902
			DE 1996-19635517	A 19960902
			WO 1997-EP2046	W 19970423

OTHER SOURCE(S): MARPAT 127:356181  
 GI



FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740678	A1	19971106	WO 1997-EP2048	19970423
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2252641	AA	19971106	CA 1997-2252641	19970423
AU 9727009	A1	19971119	AU 1997-27009	19970423
AU 722194	B2	20000727		
ZA 9703474	A	19981023	ZA 1997-3474	19970423
EP 900011	A1	19990310	EP 1997-920739	19970423
EP 900011	B1	20020403		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, FI				
CN 1216440	A	19990512	CN 1997-194053	19970423
BR 9708805	A	19990803	BR 1997-8805	19970423
NZ 332077	A	20000228	NZ 1997-332077	19970423
JP 2000509062	T2	20000718	JP 1997-538551	19970423
CZ 289349	B6	20020116	CZ 1998-3378	19970423
AT 215309	E	20020415	AT 1997-920739	19970423
US 6028093	A	20000222	US 1998-171563	19981021
PRIORITY APPLN. INFO.:			DE 1996-19616689	A 19960426
			DE 1996-19617069	A 19960429
			DE 1996-19635505	A 19960902
			WO 1997-EP2048	W 19970423
OTHER SOURCE(S):		MARPAT 128:11109		
GI				



AB This invention concerns a fungicide mixture containing in synergistically effective quantities a carbamate I [T = CH or N; n = 0, 1 or 2; R = halo or (halo)alkyl] and/or an oxime ether II [X = O or NH; Y = CH or N; Z = O, S, NH or alkylamino; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl cycloalkylmethyl, **benzyl**, etc.] and propamocarb.

IC ICM A01N037-52

PRIORITY APPLN. INFO.:

DE 1996-19616686      A 19960426

DE 1996-19616721      A 19960426

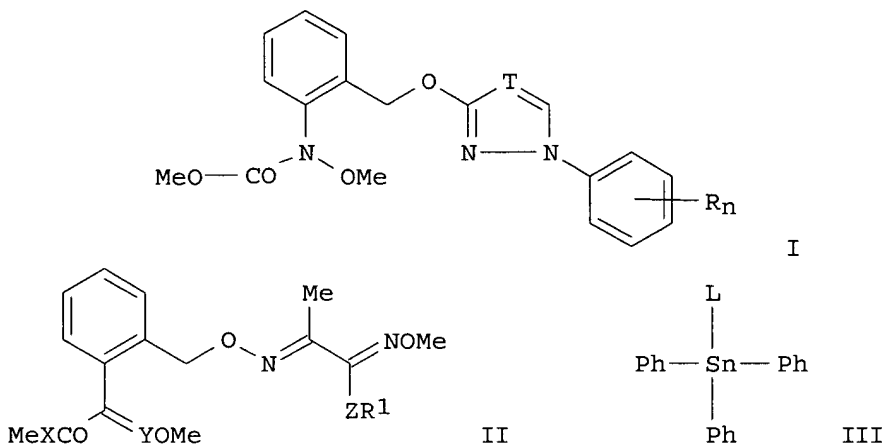
DE 1996-19635508      A 19960902

WO 1997-EP2022                      W 19970422

OTHER SOURCE(S) :

MARPAT 127:356184

GI



AB This invention concerns fungicide mixts. containing in a synergistically effective amount of a carbamate I [T = CH or N; n = 0, 1 or 2; R = halo or (halo)alkyl] and/or an oxime ether II [X = O or NH; Y = CH or N; Z = O, S, NH or alkylamino; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl or **benzyl**, etc.] and/or an organic tin compound III (L = hydroxy or acetate).

IC ICM A01N047-24

ICS A01N037-52; A01N037-52; A01N055-04; A01N047-24; A01N055-04

CC 5-2 (Agrochemical Bioregulators)

ST synergism **fungicide** carbamate oxime ether organotin

## IT Fungicides

(synergistic; mixts. containing carbamate and/or oxime ether and/or organotin compound)

IT	198403-48-4	198403-49-5	198403-50-8	198403-51-9	198403-53-1
	198403-54-2	198403-56-4	198403-57-5		

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(synergistic fungicide mixture)

L51 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740072 CAPLUS

DOCUMENT NUMBER: 128:11109

TITLE: Synergistic **fungicide** mixtures

INVENTOR(S) : Mueller, Bernd; Sauter, Hubert; Ammermann,  
Eberhard; Lorenz, Gisela; Strathmann,  
Siegfried; Schelberger, Klaus;

Scherer, Maria; Mappes, Dietrich; Leyendecker, Joachim; Bayer, Herbert; Mueller, Ruth

PATENT ASSIGNEE(S) : BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

ICS A01N037-52; A01N037-52; A01N043-54; A01N047-24; A01N043-54  
 CC 5-2 (Agrochemical Bioregulators)  
 ST **fungicide** synergism oxime ether carbamate pyrimidine  
 IT **Fungicides**  
 (synergistic; mixts. containing oxime ether, carbamate and pyrimidine  
 derivs.)  
 IT 198881-07-1 198881-08-2 198881-09-3 198881-10-6 198881-11-7  
 198881-12-8 198881-13-9 198881-14-0 198881-15-1 198881-16-2  
 198881-17-3  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicide**)  
 IT 53112-28-0D, Pyrimethanil, mixts. with oxime ether and/or carbamate  
 derivs. 110235-47-7D, Mepanipyrim, mixts. with oxime ether and/or  
 carbamate derivs. 121552-61-2D, Cyprodinil, mixts. with oxime ether  
 and/or carbamate derivs.  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicides**)

L51 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740078 CAPLUS

DOCUMENT NUMBER: 127:356184

TITLE: Synergistic **fungicide** mixtures

INVENTOR(S): Mueller, Bernd; Sauter, Hubert; **Ammermann,**  
**Eberhard**; Lorenz, Gisela; **Strathmann,**  
**Siegfried**; **Schelberger, Klaus**; Saur,  
 Reinhold; Leyendecker, Joachim; Bayer, Herbert; Pest  
 control in art objects by gassing in a reduced  
 humidity environment Mueller, Ruth; et al.

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

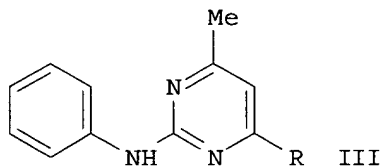
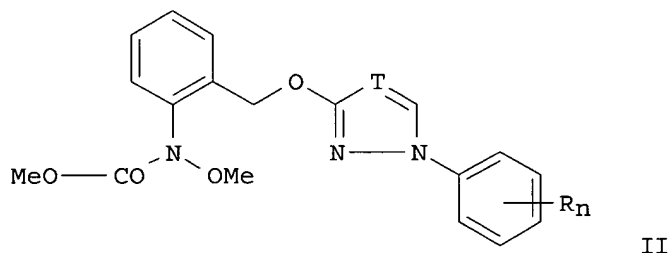
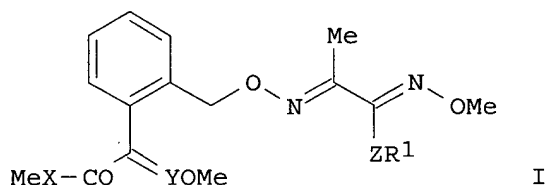
PATENT INFORMATION:

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WO 9740684	A1	19971106	WO 1997-EP2022	19970422
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RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2252538	AA	19971106	CA 1997-2252538	19970422
AU 9727669	A1	19971119	AU 1997-27669	19970422
AU 732263	B2	20010412		
EP 900018	A1	19990310	EP 1997-921688	19970422
EP 900018	B1	20010816		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI				
CN 1213950	A	19990414	CN 1997-193127	19970422
BR 9708792	A	19990803	BR 1997-8792	19970422
NZ 331122	A	20000623	NZ 1997-331122	19970422
JP 2000509055	T2	20000718	JP 1997-538538	19970422
AT 204132	E	20010915	AT 1997-921688	19970422
CZ 289270	B6	20011212	CZ 1998-3292	19970422
ES 2163151	T3	20020116	ES 1997-921688	19970422
PT 900018	T	20020228	PT 1997-921688	19970422
ZA 9703532	A	19981026	ZA 1997-3532	19970424
US 6124336	A	20000926	US 1998-171565	19981021
GR 3036533	T3	20011231	GR 2001-401393	20010905

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

CA 2252630	AA	19971106	CA 1997-2252630	19970422
AU 9727670	A1	19971119	AU 1997-27670	19970422
AU 732264	B2	20010412		
EP 906017	A1	19990407	EP 1997-921689	19970422
EP 906017	B1	20020102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI				
CN 1216442	A	19990512	CN 1997-194012	19970422
BR 9708875	A	19990803	BR 1997-8875	19970422
NZ 331768	A	20000228	NZ 1997-331768	19970422
JP 2000509056	T2	20000718	JP 1997-538539	19970422
IL 126081	A1	20011223	IL 1997-126081	19970422
AT 211360	E	20020115	AT 1997-921689	19970422
ES 2170950	T3	20020816	ES 1997-921689	19970422
ZA 9703619	A	19990412	ZA 1997-3619	19970425
US 6156760	A	20001205	US 1998-155110	19980921
PRIORITY APPLN. INFO.:			DE 1996-19616720	A 19960426
			DE 1996-19617070	A 19960429
			DE 1996-19635506	A 19960902
			WO 1997-EP2023	W 19970422

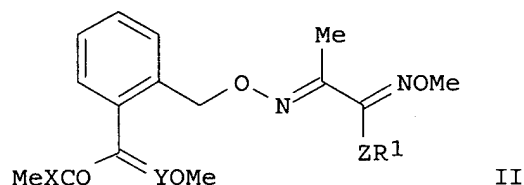
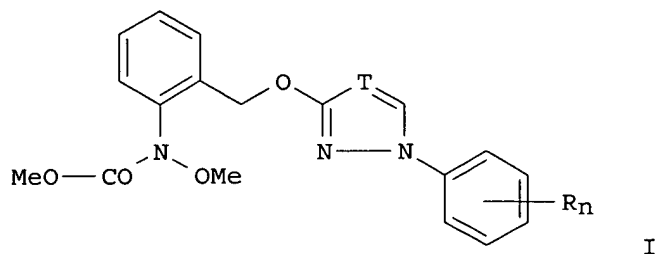
OTHER SOURCE(S): MARPAT 128:11110  
GI



AB This invention concerns fungicide mixts. containing in a synergistically effective amount an oxime ether I [X = O or NH; Y = CH or N; Z = O, S, NH or alkyl amino; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl, **benzyl**, etc.] and/or a carbamate II [T = CH or N; n = 0, 1 or 2; R = (halo)alkyl] and a pyrimidine derivative III [R = Me, propin-1-yl or cyclopropyl].

IC ICM A01N047-24





AB Fungicidal mixture containing in a synergistically active quantity a carbamate  
I

[T = CH or N; n = 0, 1 or 2; R = halo or (halo)alkyl] and/or an oxime  
ether II [X = O or NH; Y = CH or N; Z = O, S, NH or alkylamino; R1 =  
**benzyl**, etc.] and fluazinam, are given (no data).

IC ICM A01N047-24

ICS A01N037-52; A01N043-40; A01N047-24; A01N043-40; A01N037-52;  
A01N037-52; A01N043-40; A01N047-24

CC 5-2 (Agrochemical Bioregulators)

ST synergism **fungicide** mixt fluazinam carbamate oxime

IT **Fungicides**

(synergistic; fluazinam-containing comps.)

IT 79622-59-6D, Fluazinam, mixts. containing

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicides**)

L51 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740079 CAPLUS

DOCUMENT NUMBER: 128:11110

TITLE: Synergistic **fungicide** mixtures

INVENTOR(S): Mueller, Ruth; Bayer, Herbert; Sauter, Hubert;

**Ammermann, Eberhard**; Lorenz, Gisela;

**Strathmann, Siegfried**; **Schelberger,**

**Klaus**; **Scherer, Maria**; Leyendecker,

Joachim; Mueller, Bernd

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

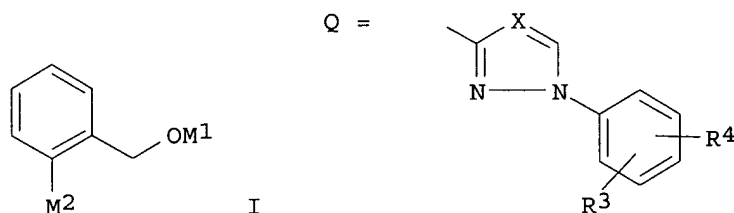
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740685	A1	19971106	WO 1997-EP2023	19970422
W:	AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

ACCESSION NUMBER: 1997:740081 CAPLUS  
 DOCUMENT NUMBER: 127:356185  
 TITLE: Synergistic **fungicidal** mixtures  
 INVENTOR(S): Muller, Bernd; Sauter, Hubert; **Ammermann,**  
**Eberhard**; Lorenz, Gisela; **Strathmann,**  
**Siegfried**; **Schelberger, Klaus**;  
**Scherer, Maria**; Mappes, Dietrich; Leyendecker,  
 Joachim; Bayer, Herbert; Muller, Ruth  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 17 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740687	A1	19971106	WO 1997-EP2043	19970423
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2252503	AA	19971106	CA 1997-2252503	19970423
AU 9727680	A1	19971119	AU 1997-27680	19970423
AU 732284	B2	20010412		
ZA 9703473	A	19981023	ZA 1997-3473	19970423
EP 900020	A1	19990310	EP 1997-921702	19970423
EP 900020	B1	20020626		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI				
CN 1216898	A	19990519	CN 1997-194128	19970423
BR 9708806	A	19990803	BR 1997-8806	19970423
NZ 332161	A	20000327	NZ 1997-332161	19970423
JP 2000509058	T2	20000718	JP 1997-538546	19970423
AT 219624	E	20020715	AT 1997-921702	19970423
TW 419352	B	20010121	TW 1997-86105440	19970425
US 6133298	A	20001017	US 1998-171618	19981022
PRIORITY APPLN. INFO.:			DE 1996-19616691	A 19960426
			DE 1996-19617071	A 19960429
			DE 1996-19635516	A 19960902
			WO 1997-EP2043	W 19970423
OTHER SOURCE(S):		MARPAT 127:356185		
GI				

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9808386	A1	19980305	WO 1997-EP4679	19970827
W: AU, BR, CA, CN, HU, IL, JP, KR, MX, NZ, PL, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19634771	A1	19980305	DE 1996-19634771	19960828
TW 438575	B	20010607	TW 1997-86112269	19970826
CA 2264533	AA	19980305	CA 1997-2264533	19970827
AU 9746188	A1	19980319	AU 1997-46188	19970827
AU 716351	B2	20000224		
ZA 9707685	A	19990301	ZA 1997-7685	19970827
EP 923291	A1	19990623	EP 1997-944801	19970827
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
BR 9711266	A	19990817	BR 1997-11266	19970827
CN 1228676	A	19990915	CN 1997-197535	19970827
NZ 334367	A	20001124	NZ 1997-334367	19970827
JP 2000516944	T2	20001219	JP 1998-511288	19970827
US 6156778	A	20001205	US 1999-242729	19990222
KR 2000035947	A	20000626	KR 1999-701688	19990227
PRIORITY APPLN. INFO.:			DE 1996-19634771	A 19960828
			DE 1996-19636752	A 19960910
			WO 1997-EP4679	W 19970827
OTHER SOURCE(S):		MARPAT 128:214435		
GI				



AB The title mixts. comprise an oxime ether I [M1 = Q or N:CMcC(ZR5):NOMe; X = N or CH; R3, R4 = H or (halo)alkyl; Z = O, S, NH, N-alkyl; R5 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl or (un)substituted **benzyl**; M2 = MeOCON(OMe) or MeXCOC:YOMe ; X = O or NH; Y = CH or N] and a valine amide R1CONHCH(CHMe2)CONHCHMeR2 (R1 = alkyl; R2 = naphthyl, Ph, 4-halophenyl, alkyl or alkoxy).

IC ICM A01N047-24

ICS A01N047-12; A01N047-24; A01N047-12; A01N047-12; A01N037-52

CC 5-2 (Agrochemical Bioregulators)

ST synergism **fungicide** oxime ether valine amide

IT **Fungicides**

(synergistic; mixts. of oxime ethers with valine amides)

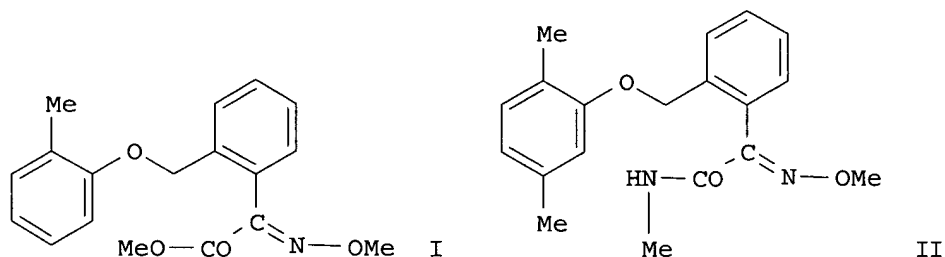
IT 204187-57-5 204187-59-7 204187-60-0 204187-61-1

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(synergistic **fungicidal** mixture)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN



AB Synergistic fungicide mixts. comprise the oxime ether carboxylic acid ester I, the oxime ether carboxylic acid amide II and an **azole** (bromuconazole, cyproconazole, difenoconazole, diniconazole, epoxiconazole, fenbuconazole, etc.).

IC ICM A01N043-653  
ICS A01N037-18; A01N037-02

CC 5-2 (Agrochemical Bioregulators)

ST synergism **fungicide** oxime ether **azole** mixt

IT **Fungicides**  
(synergistic; compns. containing oxime ethers and **azoles**)

IT 60207-90-1D, Propiconazole, mixts. with oxime ethers 67747-09-5D, Prochloraz, mixts. with oxime ethers 68694-11-1D, Triflumizole, mixts. with oxime ethers 76674-21-0D, Flutriafol, mixts. with oxime ethers 79983-71-4D, Hexaconazole, mixts. with oxime ethers 83657-24-3D, Diniconazole, mixts. with oxime ethers 85509-19-9D, Flusilazole, mixts. with oxime ethers 94361-06-5D, Cyproconazole, mixts. with oxime ethers 107534-96-3D, Tebuconazole, mixts. with oxime ethers 112281-77-3D, Tetraconazole, mixts. with oxime ethers 114369-43-6D, Fenbuconazole, mixts. with oxime ethers 116255-48-2D, (Bromuconazole, mixts. with oxime ethers 119446-68-3D, Difenoconazole, mixts. with oxime ethers 125116-23-6D, Metconazole, mixts. with oxime ethers 133855-98-8D, Epoxiconazole, mixts. with oxime ethers 136426-54-5D, Fluquinconazole, mixts. with oxime ethers 144167-04-4D, mixts. with oxime ether carboxylic acid amide and **azole** 145451-07-6D, mixts. with oxime ether carboxylic acid ester and **azole**

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicides**)

L51 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:161097 CAPLUS

DOCUMENT NUMBER: 128:214435

TITLE: Synergistic **fungicidal** mixtures

INVENTOR(S): Muealler, Ruth; Bayer, Herbert; Sauter, Hubert; Eicken, Karl; Wetterich, Frank; **Ammermann, Eberhard**; Lorenz, Gisela; **Strathmann, Siegfried**; Scherer, Maria; **Schelberger, Klaus**; Muller, Bernd; Leyendecker, Joachim

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

untreated controls.

IC ICM C07C251-60  
ICS A01N037-50

CC 25-22 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)  
Section cross-reference(s): 5

ST **benzyliminooxymethylphenylglyoxylate** oxime ester prepn pesticide  
**fungicide**

IT **Fungicides**  
(agrochem.; preparation of **benzyliminooxymethylphenylglyoxylate**  
oxime esters as pesticides and **fungicides**)

IT Pesticides  
(preparation of **benzyliminooxymethylphenylglyoxylate** oxime esters  
as pesticides and **fungicides**)

IT 213608-89-0P 213608-90-3P 213608-91-4P 213608-92-5P 213608-93-6P  
213608-94-7P 213608-95-8P 213608-96-9P 213608-97-0P 213608-98-1P  
213608-99-2P 213609-00-8P 213609-01-9P 213609-02-0P 213609-03-1P  
213609-04-2P 213609-05-3P 213609-06-4P 213609-07-5P 213609-08-6P  
213609-09-7P 213609-10-0P 213609-11-1P 213609-12-2P 213609-13-3P  
213609-14-4P 213609-15-5P 213609-16-6P 213609-17-7P 213609-18-8P  
213609-19-9P 213609-20-2P 213609-21-3P 213609-22-4P 213609-23-5P  
213609-24-6P 213609-25-7P 213609-26-8P 213609-27-9P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
adverse); BSU (Biological study, unclassified); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of **benzyliminooxymethylphenylglyoxylate** oxime esters  
as pesticides and **fungicides**)

IT 576-22-7, 2-Bromo-1,3-dimethylbenzene 593-56-6, O-Methylhydroxylamine  
hydrochloride 5781-53-3 99705-50-7  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of **benzyliminooxymethylphenylglyoxylate** oxime esters  
as pesticides and **fungicides**)

IT 184237-64-7P 213609-28-0P 213609-29-1P 213609-30-4P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of **benzyliminooxymethylphenylglyoxylate** oxime esters  
as pesticides and **fungicides**)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:184118 CAPLUS

DOCUMENT NUMBER: 128:214437

TITLE: Synergistic **fungicide** mixtures

INVENTOR(S): **Ammermann, Eberhard**; Lorenz, Gisela;  
**Strathmann, Siegfried**; Saur, Reinhold;  
**Schelberger, Klaus**; Van Gastel, Anne

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 8 pp.  
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

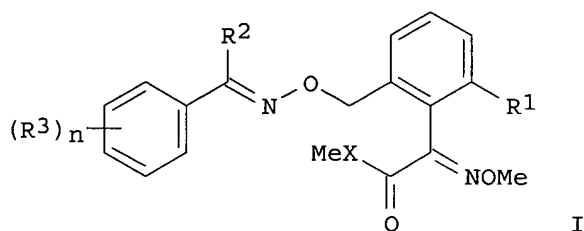
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

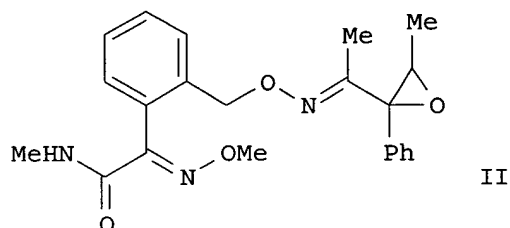
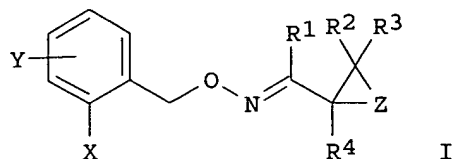
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19636686	A1	19980312	DE 1996-19636686	19960910
PRIORITY APPLN. INFO.: GI			DE 1996-19636686	19960910

DOCUMENT NUMBER: 129:260232  
 TITLE: Preparation of **benzyliminooxymethylphenylglyoxylate** oxime esters as pesticides and fungicides.  
 INVENTOR(S): Grammenos, Wassilios; Sauter, Hubert; Bayer, Herbert; Grote, Thomas; Gypser, Andreas; Kirstgen, Reinhard; Muller, Bernd; Ptock, Arne; Rohl, Franz; Gotz, Roland; Lorenz, Gisela; **Ammermann, Eberhard**; **Strathmann, Siegfried**; Harries, Volker  
 PATENT ASSIGNEE(S): BASF A.-G., Germany  
 SOURCE: PCT Int. Appl., 47 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9841498	A1	19980924	WO 1998-EP1323	19980306
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19711168	A1	19980924	DE 1997-19711168	19970318
AU 9868288	A1	19981012	AU 1998-68288	19980306
EP 971884	A1	20000119	EP 1998-913677	19980306
EP 971884	B1	20021127		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, IE				
JP 2001515498	T2	20010918	JP 1998-540080	19980306
AT 228498	E	20021215	AT 1998-913677	19980306
US 6187816	B1	20010213	US 1999-381048	19990914
PRIORITY APPLN. INFO.:			DE 1997-19711168	A 19970318
			WO 1998-EP1323	W 19980306
OTHER SOURCE(S):		MARPAT 129:260232		
GI				



AB Title compds. [I; X = O, NH; R1 = F, Cl, alkyl, haloalkyl, alkoxy, haloalkoxy; R2 = halo, alkyl, haloalkyl, alkoxy; R3 = halo, alkyl, haloalkyl, alkoxy, halogenalkoxy, cycloalkyl, (substituted) Ph, PhO, CRA: NORb; Ra = H, alkyl; Rb = alkyl, alkenyl, alkynyl; n = 1, 2, 3], were prepared. Thus, 3-trifluoromethylacetophenone oxime in DMF was treated with NaOMe in MeOH and then combined with Me 2-bromomethyl-6-methylphenylglyoxylate O-methyloxime (preparation given) to give 2[[ $\alpha$ -methyl-3-trifluoromethylbenzyl]imino]oxymethyl]-6-methylphenylglyoxylic acid Me ester-O-methyloxime. I at 250 ppm reduced incidence of Botrytis cinerea on paprika plants to 5-80%, vs. 80% for



AB Title compds. I [X = N(COOCH<sub>3</sub>)OCH<sub>3</sub>, C(COOCH<sub>3</sub>):CHOCH<sub>3</sub>, C(COOCH<sub>3</sub>):NOCH<sub>3</sub>, C(CONHCH<sub>3</sub>):NOCH<sub>3</sub>, C(COOCH<sub>3</sub>):CHCH<sub>3</sub>; Y = H, halo, alkyl, haloalkyl, alkoxy; Z = O, C(Ra)<sub>2</sub>, NRA; Ra = H, alkyl; R1 = halo, alkyl, haloalkyl, alkoxy; R2 = H, halo, alkyl, alkoxy, or optionally substituted Ph; R3 = H, halo, alkyl, alkoxy; R4 = alkyl or optionally substituted Ph] were prepared as fungicides. Thus, II was prepared in 6 steps starting from 1-phenyl-1,2-propanedione. The products were tested against Erysiphe graminis, Plasmopara viticola, and Pyricularia oryzae.

IC ICM C07D303-36

ICS C07D203-12; C07C251-60; C07C271-28; C07C251-42; A01N043-04; A01N043-34; A01N047-20; A01N037-18; A01N037-10

CC 27-2 (Heterocyclic Compounds (One Hetero Atom))

Section cross-reference(s): 5, 25

ST oxime **benzyl** prepn **fungicidal** activity

IT **Fungicides**

((**benzyloxy**)imino compds.)

IT	214749-49-2P	214749-50-5P	214749-51-6P	214749-52-7P	214749-53-8P
	214749-54-9P	214749-55-0P	214749-56-1P	214749-57-2P	214749-58-3P
	214749-59-4P	214749-60-7P	214749-61-8P	214749-62-9P	214749-63-0P
	214749-64-1P	214749-65-2P	214749-66-3P	214749-67-4P	

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

((**benzyloxy**)imino compds. as **fungicides**)

IT	579-07-7, 1-Phenyl-1,2-propanedione	941-28-6	1530-32-1,
	Ethyltriphenylphosphonium bromide	115199-26-3	

RL: RCT (Reactant); RACT (Reactant or reagent)

((**benzyloxy**)imino compds. as **fungicides**)

IT	38868-78-9P	214749-45-8P	214749-46-9P	214749-47-0P	214749-48-1P
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RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

((**benzyloxy**)imino compds. as **fungicides**)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:635738 CAPLUS

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:709066 CAPLUS

DOCUMENT NUMBER: 129:316131

TITLE: Substituted (benzyloxy)imino compounds

INVENTOR(S): Grammenos, Wassilios; Sauter, Hubert; Bayer, Herbert; Grote, Thomas; Gypser, Andreas; Kirstgen, Reinhard; Muller, Bernd; Ptock, Arne; Rohl, Franz; Gotz, Roland; Lorenz, Gisela; **Ammermann, Eberhard**; **Strathmann, Siegfried**; Harries, Volker

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; et al.

SOURCE: PCT Int. Appl., 88 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9847886	A1	19981029	WO 1998-EP1942	19980402
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19716237	A1	19981022	DE 1997-19716237	19970418
AU 9868324	A1	19981113	AU 1998-68324	19980402
EP 975616	A1	20000202	EP 1998-913750	19980402
EP 975616	B1	20020213		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, IE				
JP 2001524088	T2	20011127	JP 1998-544918	19980402
AT 213236	E	20020215	AT 1998-913750	19980402
ZA 9803231	A	19991018	ZA 1998-3231	19980417
US 6329359	B1	20011211	US 1999-402878	19991013
PRIORITY APPLN. INFO.:			DE 1997-19716237	A 19970418
			WO 1998-EP1942	W 19980402
OTHER SOURCE(S):	MARPAT	129:316131		
GI				



PATENT ASSIGNEE(S): Basf A.-G., Germany; et al.  
 SOURCE: PCT Int. Appl., 19 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9854964	A1	19981210	WO 1998-EP2944	19980520
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2292761	AA	19981210	CA 1998-2292761	19980520
AU 9881052	A1	19981221	AU 1998-81052	19980520
EP 987944	A1	20000329	EP 1998-930708	19980520
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, FI				
BR 9809959	A	20000801	BR 1998-9959	19980520
NZ 501985	A	20010727	NZ 1998-501985	19980520
JP 2002503233	T2	20020129	JP 1999-501390	19980520
ZA 9804868	A	19991206	ZA 1998-4868	19980605
US 6090835	A	20000718	US 1998-151810	19980914
MX 9910673	A	20000331	MX 1999-10673	19991119
PRIORITY APPLN. INFO.:			US 1997-870361	A 19970606
			WO 1998-EP2944	W 19980520
OTHER SOURCE(S):			MARPAT 130:48704	
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The title mixts. comprise a Ph **benzyl** ether I, II or III or a carbamate IV (X = CH or N: n = 0, 1 or 2; R = halo, C1-4 alkyl or haloalkyl) and dicarboximide fungicide.

IC ICM A01N037-50  
 ICS A01N047-24; A01N037-50; A01N043-76; A01N043-50; A01N037-32; A01N047-24; A01N043-76; A01N043-50; A01N037-32

CC 5-2 (Agrochemical Bioregulators)

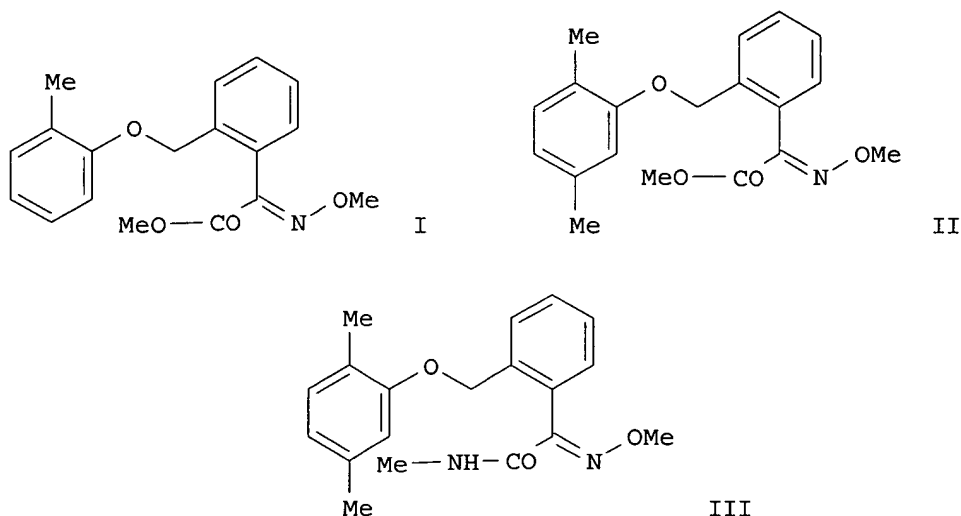
ST synergism **fungicide** dicarboximide mixt

IT **Fungicides**  
 (synergistic; dicarboximide-containing compns.)

IT 217180-68-2 217180-70-6 217180-72-8 217180-73-9 217180-74-0  
 217180-75-1  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicide**)

IT 32809-16-8D, Procymidone, mixts. with Ph **benzyl** ethers or carbamates 36734-19-7D, Iprodione, mixts. with Ph **benzyl** ethers or carbamates 50471-44-8D, Vinclozolin, mixts. with Ph **benzyl** ethers or carbamates 84332-86-5D, Chlozolate, mixts. with Ph **benzyl** ethers or carbamates 144167-04-4D, mixts. with dicarboximide compds. 145451-07-6D, mixts. with dicarboximide compds. 172957-49-2D, mixts. with dicarboximide compds.  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicides**)

WO 9854965 A1 19981210 WO 1998-EP2947 19980520  
 W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT,  
 LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM  
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE  
 US 5866599 A 19990202 US 1997-870363 19970606  
 AU 9880187 A1 19981221 AU 1998-80187 19980520  
 PRIORITY APPLN. INFO.: US 1997-870363 A 19970606  
 WO 1998-EP2947 W 19980520  
 GI



AB The title mixts. comprise a Ph **benzyl** ether I, II or III and fluazinam.  
 IC ICM A01N043-40  
 ICS A01N043-40; A01N037-50  
 CC 5-2 (Agrochemical Bioregulators)  
 ST synergism **fungicide** phenyl **benzyl** ether fluazinam mixt  
 IT **Fungicides**  
 (synergistic; compns. containing Ph **benzyl** ether and fluazinam)  
 IT 217093-22-6 217093-23-7 217093-24-8  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic **fungicide**)  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1998:804130 CAPLUS  
 DOCUMENT NUMBER: 130:48704  
 TITLE: Synergistic **fungicidal** mixtures  
 INVENTOR(S): **Schelberger, Klaus; Scherer, Maria**  
 ; Sauter, Hubert; Hampel, Manfred; Leyendecker,  
 Joachim; **Ammermann, Eberhard**; Lorenz,  
 Gisela; **Strathmann, Siegfried**; Irwin, Peter;  
 Gold, Randall Evan

- IT 102-52-3, Malondialdehyde tetramethyl acetal  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(cyclocondensation with Me (methylthio)hydrazinobenzoate; preparation of 3-(pyrazol-1-yl)**benzoic** acid derivs. as agrochem. **fungicides**)
- IT 227466-51-5P, Methyl 2-methylthio-3-hydrazinobenzoate  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation and cyclocondensation with malondialdehyde tetra-Me acetal; preparation of 3-(pyrazol-1-yl)**benzoic** acid derivs. as agrochem. **fungicides**)
- IT 213176-56-8P, Methyl 2-methylthio-3-aminobenzoate  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation and diazotization and reduction; preparation of 3-(pyrazol-1-yl)**benzoic** acid derivs. as agrochem. **fungicides**)
- IT 227466-50-4P, Methyl 2-methylthio-3-nitrobenzoate  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation and hydrogenation; preparation of 3-(pyrazol-1-yl)**benzoic** acid derivs. as agrochem. **fungicides**)
- IT 227466-47-9P 227466-48-0P 227466-49-1P 227468-11-3P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of 3-(pyrazol-1-yl)**benzoic** acid derivs. as agrochem. **fungicides**)
- IT 5188-07-8, Sodium thiomethoxide  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(thioetherification of Me chloro(nitro)**benzoate**; preparation of 3-(pyrazol-1-yl)**benzoic** acid derivs. as agrochem. **fungicides**)
- IT 53553-14-3, Methyl 2-chloro-3-nitrobenzoate  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(thioetherification with sodium thiomethoxide; preparation of 3-(pyrazol-1-yl)**benzoic** acid derivs. as agrochem. **fungicides**)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:804131 CAPLUS

DOCUMENT NUMBER: 130:48705

TITLE: Synergistic **fungicidal** mixtures

INVENTOR(S): **Schelberger, Klaus; Scherer, Maria**  
; Sauter, Hubert; Hampel, Manfred; **Ammermann, Eberhard**; Lorenz, Gisela; **Strathmann, Siegfried**; Irwin, Peter; Gold, Randall Evan

PATENT ASSIGNEE(S): Basf A.-G., Germany

SOURCE: PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

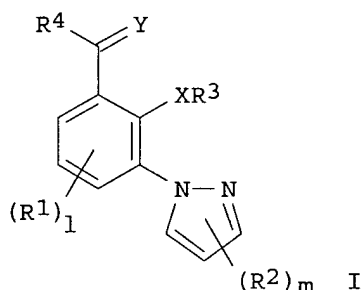
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

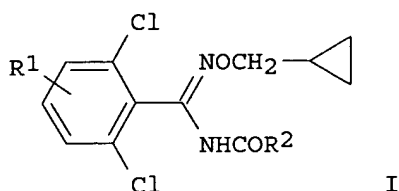
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9929671	A1	19990617	WO 1998-EP7920	19981205
W: CA, JP, MX, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRIORITY APPLN. INFO.:			DE 1997-19754301	A 19971208
OTHER SOURCE(S):			MARPAT 131:44813	
GI				



- AB The title compds. [I; R1 = C1-4 alkyl, C1-4 alkoxy, halo; R2 = C1-4 (halo)alkyl, C1-4 alkoxy, C3-6 cycloalkyl, halo, (un)substituted aryl; R3 = C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted aryl, etc.; R4 = ZR5; R5 = H, C1-6 (halo)alkyl, C3-6 alkenyl, (un)substituted Ph, etc.; X = S, SO, SO2; Y = O, S; Z = O, S, etc.; l, m = 0-3] were prepared For example, thioetherification of 2,3-Cl(O2N)C6H3CO2Me with NaSMe in DMF gave 2-MeS analog which was hydrogenated in the presence of Raney Ni to give 2,3-MeS(H2N)C6H3CO2Me. This was diazotized, the diazonium salt reduced with SnCl2 in aqueous HCl at -5 to 0° and the resulting hydrazo salt alkalinized with 2N NaOH (pH 11) to give 2,3-MeS(H2NNH)C6H3CO2Me. The free base was cyclocondensed with (MeO)2CH2(OMe)2 to give Me 2-methylthio-3-(pyrazol-1-yl)benzoate which was saponified with KOH in MeOH and the salt acidified to give a title derivative I (l = m = 0, R3 = Me, R4 = OH, X = S, Y = O) which gave protection of cucumber seedlings against Colletotrichum lagenarium.
- IC ICM C07D231-12  
 ICS A01N043-56
- CC 28-8 (Heterocyclic Compounds (More Than One Hetero Atom))  
 Section cross-reference(s): 5
- ST pyrazolylbenzoic acid deriv prepn agrochem **fungicide**;  
 chloronitrobenzoate ester thioetherification agrochem **fungicide**  
 prepn; nitrobenzoate ester prepn hydrogenation agrochem **fungicide**  
 prepn; aminobenzoate ester prepn diazotization redn agrochem  
**fungicide** prepn; hydrazinobenzoate ester prepn cyclocondensation  
 tetramethoxypropane agrochem **fungicide** prepn;  
 methylthiopyrazolylbenzoic acid prepn agrochem **fungicide**
- IT **Fungicides**  
 (agrochem.; preparation of 3-(pyrazol-1-yl)benzoic acid derivs.  
 as)



AB Title compds. [I; R1 = F; R2 = (substituted) phenylalkyl, thienylalkyl], were prepared Thus, 2,6-dichloro-5-fluorobenzamidoxime (preparation given) and cyclopropylmethyl bromide in DMF at 0° were treated portionwise with NaH followed by 8 h stirring at 5° to give 2,6-dichloro-5-fluorobenzamide O-cyclopropylmethyloxime. The latter was refluxed with PhCH<sub>2</sub>COCl in PhMe to give N-phenylacetyl-2,6-dichloro-5-fluorobenzamide O-cyclopropylmethyl oxime. This as a 10% spray gave complete control of Erysiphe graminis on wheat.

IC ICM C07C259-18  
ICS C07C257-20

CC 25-22 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)  
Section cross-reference(s): 5

ST cyclopropylmethyl **benzamidoxime** prepn agrochem **fungicide**

IT **Fungicides**

(agrochem.; preparation of cyclopropylmethyl **benzamidoximes** as agrochem. **fungicides**)

IT Oximes

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of cyclopropylmethyl **benzamidoximes** as agrochem. **fungicides**)

IT 203122-23-0P 203122-79-6P 242125-76-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of cyclopropylmethyl **benzamidoximes** as agrochem. **fungicides**)

IT 103-80-0, Phenylacetyl chloride 7051-34-5, Cyclopropylmethyl bromide 178813-75-7

RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of cyclopropylmethyl **benzamidoximes** as agrochem. **fungicides**)

IT 242125-77-5P 242125-78-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of cyclopropylmethyl **benzamidoximes** as agrochem. **fungicides**)

L51 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:388169 CAPLUS

DOCUMENT NUMBER: 131:44813

TITLE: Preparation of 3-(pyrazol-1-yl)**benzoic acid** derivatives as agrochemical **fungicides**

INVENTOR(S): Eicken, Karl; Rheinheimer, Joachim; Wetterich, Frank;  
**Ammermann, Eberhard**; Lorenz, Gisela; Speakman, John-Bryan; **Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 30 pp.

2-Fluorobenzaldehyde 1567-73-3 17019-25-9 20703-41-7 251113-21-0  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (starting material; preparation of 2-iminooxyphenylacetic acid derivs. as  
**fungicides** and pesticides)

IT	192191-93-8P	192191-94-9P	192191-95-0P	192191-96-1P	192191-97-2P
	192191-98-3P	192191-99-4P	192192-00-0P	192192-01-1P	192192-02-2P
	192192-03-3P	192192-04-4P	192192-05-5P	192192-06-6P	251112-51-3P
	251112-52-4P	251112-53-5P	251112-54-6P	251112-55-7P	251112-56-8P
	251112-57-9P	251112-58-0P	251112-59-1P	251112-60-4P	251112-61-5P
	251112-62-6P	251112-63-7P	251112-64-8P	251112-65-9P	251112-66-0P
	251112-67-1P	251112-68-2P	251112-69-3P	251112-70-6P	251112-71-7P
	251112-72-8P	251112-73-9P	251112-74-0P	251112-75-1P	251112-76-2P
	251112-77-3P	251112-78-4P	251112-79-5P	251112-80-8P	251112-81-9P
	251112-82-0P	251112-83-1P	251112-84-2P	251112-85-3P	251112-86-4P
	251112-87-5P	251112-88-6P	251112-89-7P	251112-90-0P	251112-91-1P
	251112-92-2P	251112-93-3P	251112-94-4P	251112-95-5P	251112-96-6P
	251112-97-7P	251112-98-8P	251112-99-9P	251113-00-5P	251113-01-6P
	251113-02-7P	251113-03-8P	251113-04-9P	251113-05-0P	251113-06-1P
	251113-07-2P	251113-08-3P	251113-09-4P	251113-10-7P	251113-11-8P
	251113-12-9P	251113-13-0P	251113-14-1P	251113-15-2P	251113-16-3P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
 adverse); BSU (Biological study, unclassified); SPN (Synthetic  
 preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (target compound; preparation of 2-iminooxyphenylacetic acid derivs. as  
**fungicides** and pesticides)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:597467 CAPLUS

DOCUMENT NUMBER: 131:199514

TITLE: Preparation of O-cyclopropylmethyl  
**benzamidoximes** as agrochemical  
**fungicides**.

INVENTOR(S): Eicken, Karl; Rheinheimer, Joachim; Rose, Ingo; Rack,  
 Michael; **Ammermann, Eberhard**; Lorenz,  
 Gisela; **Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

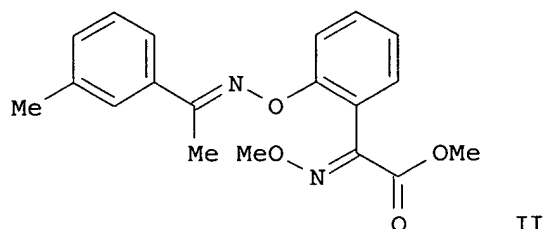
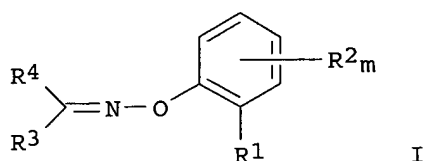
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 941988	A2	19990915	EP 1999-104435	19990305
EP 941988	A3	20000920		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11292837	A2	19991026	JP 1999-63271	19990310
PRIORITY APPLN. INFO.:			DE 1998-19810142	A 19980310
OTHER SOURCE(S):	MARPAT 131:199514			
GI				



AB Title compds. (I) [where R1 = C(CO<sub>2</sub>CH<sub>3</sub>):NOCH<sub>3</sub>, C(CONHCH<sub>3</sub>):NOCH<sub>3</sub>, C(CONH<sub>2</sub>):NOCH<sub>3</sub>, C(CO<sub>2</sub>CH<sub>3</sub>):CHOCH<sub>3</sub>, or C(CO<sub>2</sub>CH<sub>3</sub>):CHCH<sub>3</sub>; R2 = cyano, NO<sub>2</sub>, halogen, (halo)alkyl, or alkoxy; m = 0, 1, or 2; R3 = H, cyano, OH, halogen, (halo)alkyl, alkoxy(alkyl), haloalkoxy, alkylthio, cycloalkyl(alkyl), alkenyl, (un)substituted aryl, aryl(oxy)alkyl, or **benzyloxy**; R4 = H, cyano, (un)substituted (cyclo)alkyl(oxy), alkenyl(oxy), alkynyl(oxy), heterocyclyl(oxy), (hetero)aryl(oxy), or (hetero)arylthio, etc.; R3 and R4 together with the C to which they are bonded = (un)substituted 4- to 8-membered heterocyclic ring] were prepared. Thus, Me 2-fluorophenylglyoxalate was added to 3-methylacetophenone oxime in DMA and tert-BuOK to form the O-substituted oxime. Addition of O-methylhydroxylamine.HCl and pyridine to the keto ester in MeOH yielded II. I are mitochondrial respiration inhibitors and displayed IC<sub>50</sub> values of 0.0033  $\mu$ M to 0.32  $\mu$ M. Representative invention compds. showed fungicidal activity against *Erysiphe graminis* var. *tritici* and *Plasmopara viticola* on wheat and demonstrated pesticidal activity against *Aphis fabae*, *Heliothis verescens*, *Nephotettix cincticeps*, *Prodenia litura*, and *Tetranychus telarius*.

IC ICM C07C251-60

ICS A01N037-50

INCL 514255000

CC 25-18 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)

Section cross-reference(s): 5

ST iminooxyphenylacetic acid prepn **fungicide** pesticide

IT **Fungicides**

(agrochem.; preparation of 2-iminooxyphenylacetic acid derivs. as **fungicides** and pesticides)

IT Pesticides

(preparation of 2-iminooxyphenylacetic acid derivs. as **fungicides** and pesticides)

IT 40212-75-7P 76099-55-3P 132115-73-2P, Methyl 2-fluorophenylglyoxylate  
133721-88-7P, 2-Fluorobenzaldehyde cyanohydrin 192192-07-7P  
192192-08-8P 192884-55-2P 192884-56-3P 251113-17-4P 251113-18-5P  
251113-19-6P 251113-20-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of 2-iminooxyphenylacetic acid derivs. as **fungicides** and pesticides)

IT 100-52-7, **Benzaldehyde**, reactions 446-52-6,

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of **benzyltriazolones** and related compds. as pesticides and **fungicides**)

IT 57-14-7, 1,1-Dimethylhydrazine 95-48-7, 2-Methylphenol, reactions 5720-06-9, 2-Methoxyphenylboronic acid 39959-54-1, 3-Bromobenzylamine hydrochloride 42365-50-4, 3-Methylbenzylamine hydrochloride

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of **benzyltriazolones** and related compds. as pesticides and **fungicides**)

IT 61924-25-2P 93489-12-4P 256387-43-6P 256387-44-7P 256387-45-8P 256387-46-9P 256387-47-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of **benzyltriazolones** and related compds. as pesticides and **fungicides**)

L51 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:761521 CAPLUS

DOCUMENT NUMBER: 132:3250

TITLE: Preparation of 2-iminooxyphenylacetic acid derivatives as **fungicides** and pesticides

INVENTOR(S): Grote, Thomas; Sauter, Hubert; Kirstgen, Reinhard; Bayer, Herbert; Muller, Ruth; Muller, Bernd; Oberdorf, Klaus; Grammenos, Wassilios; Gotz, Norbert; Rack, Michael; Harreus, Albrecht; Rohl, Franz; **Ammermann, Eberhard**; Harries, Volker; Lorenz, Gisela; **Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: U.S., 58 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

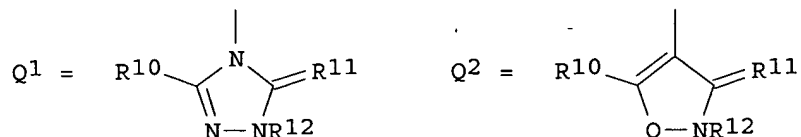
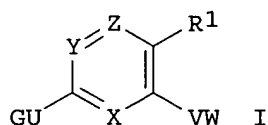
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5994359	A	19991130	US 1998-91921	19980625
DE 19548370	A1	19970703	DE 1995-19548370	19951227
DE 19604732	A1	19970814	DE 1996-19604732	19960209
DE 19622332	A1	19971211	DE 1996-19622332	19960604
WO 9724317	A1	19970710	WO 1996-EP5642	19961216
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRIORITY APPLN. INFO.:			DE 1995-19548370	A 19951227
			DE 1996-19604732	A 19960209
			DE 1996-19622332	A 19960604
			DE 1996-19636512	A 19960909
			WO 1996-EP5642	W 19961216

OTHER SOURCE(S): MARPAT 132:3250

GI





AB Title compds. [I; X, Y, Z = N, = CR<sup>1</sup>; R<sup>1</sup> = H, cyano, NO<sub>2</sub>, halo, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio; W = Q<sup>1</sup>, Q<sup>2</sup>; U = bond, O, OCH<sub>2</sub>; G = ECR<sub>2</sub>N, (substituted) heterocyclyl, aryl, heteroaryl, arylmethylene, heteroarylmethylene, etc.; V = CH<sub>2</sub>, NRa, O, S, CO, etc.; Ra = H, alkyl; R<sub>2</sub> = H, cyano, alkyl, haloalkyl, alkoxy, alkoxyalkyl, cycloalkyl; R<sub>10</sub> = halo, alkyl, alkoxy, alkylthio, amino, etc.; R<sub>11</sub> = O, S; R<sub>12</sub> = H, alkyl; with provisos], were prepared Thus, 3-BrC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>NCO reacted with Me<sub>2</sub>NNH<sub>2</sub> in CH<sub>2</sub>Cl<sub>2</sub> to give 3-BrC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>NHCONHNMe<sub>2</sub>, which in Cl<sub>3</sub>CCH<sub>3</sub> was treated with triphosgene in Cl<sub>3</sub>CCH<sub>3</sub> at 60° to give 5-chloro-4-(3-bromobenzyl)-2,4-dihydro-2-methyl-3H-1,2,4-triazol-3-one. The latter was refluxed with 2-MeOC<sub>6</sub>H<sub>4</sub>B(OH)<sub>2</sub>, Pd(PPh<sub>3</sub>)<sub>4</sub>, and Na<sub>2</sub>CO<sub>3</sub> in MeOCH<sub>2</sub>CH<sub>2</sub>OMe/H<sub>2</sub>O to give 5-chloro-4-[3-(2-methoxyphenyl)**benzyl**]-2,4-dihydro-2-methyl-3H-1,2,4-triazol-3-one. Reflux of this with NaOMe in MeOH/MeOCH<sub>2</sub>CH<sub>2</sub>OMe gave 5-methoxy-4-[3-(2-methoxyphenyl)**benzyl**]-2,4-dihydro-2-methyl-3H-1,2,4-triazol-3-one. I inhibited *Saccharomyces cerevisiae* mitochondrial respiration by 0.4-23 times that of a control compound

IC ICM C07D249-12

ICS C07D403-06; C07D403-10; C07D403-12; C07D263-12; C07D413-06;  
C07D413-10; C07D413-12; C07D403-14; A61K031-41; A01N043-48;  
A01N043-653

CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 5

ST **benzyltriazolone** prepn pesticide **fungicide**; triazolone

**benzyl** prepn pesticide **fungicide**

IT **Fungicides**

(agrochem.; preparation of **benzyltriazolones** and related compds. as pesticides and **fungicides**)

IT Pesticides

(preparation of **benzyltriazolones** and related compds. as pesticides and **fungicides**)

IT 256387-19-6P 256387-23-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of **benzyltriazolones** and related compds. as pesticides and **fungicides**)

IT	220463-48-9P	220463-53-6P	256387-11-8P	256387-12-9P	256387-13-0P
	256387-14-1P	256387-15-2P	256387-16-3P	256387-17-4P	256387-18-5P
	256387-20-9P	256387-21-0P	256387-22-1P	256387-24-3P	256387-25-4P
	256387-26-5P	256387-27-6P	256387-28-7P	256387-29-8P	256387-30-1P
	256387-31-2P	256387-32-3P	256387-33-4P	256387-34-5P	256387-35-6P
	256387-36-7P	256387-37-8P	256387-38-9P	256387-39-0P	256387-40-3P
	256387-41-4P	256387-42-5P			

**fungicides)**

IT Oximes  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of **benzamidoximes** as agrochem. **fungicides**)

IT 261900-80-5P 261900-81-6P 261900-82-7P 261900-83-8P 261900-84-9P 261900-85-0P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of **benzamidoximes** as agrochem. **fungicides**)

IT 75-45-6, Chlorodifluoromethane 103-80-0, Phenylacetyl chloride 7051-34-5, Cyclopropylmethyl bromide 57764-46-2, 2,6-Dihydroxybenzonitrile  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of **benzamidoximes** as agrochem. **fungicides**)

IT 261900-86-1P 261900-87-2P 261900-88-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of **benzamidoximes** as agrochem. **fungicides**)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:83202 CAPLUS

DOCUMENT NUMBER: 132:122624

TITLE: Preparation of **benzyltriazolones** and related compounds as pesticides and **fungicides**.INVENTOR(S): Cullmann, Oliver; Goetz, Roland; Sauter, Hubert; Bayer, Herbert; Gewehr, Markus; Grammenos, Wassilios; Gypser, Andreas; Mueller, Bernd; Ptock, Arne; **Ammermann, Eberhard**; Grote, Thomas; Lorenz, Gisela; **Strathmann, Siegfried**; Harries, Volker

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 178 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 19834557	A1	20000203	DE 1998-19834557	19980731
PRIORITY APPLN. INFO.:			DE 1998-19834557	19980731
OTHER SOURCE(S):	MARPAT	132:122624		
GI				

L51 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:210108 CAPLUS

DOCUMENT NUMBER: 132:236889

TITLE: Preparation of **benzamidoximes** as agrochemical **fungicides**

INVENTOR(S): Eicken, Karl; Rheinheimer, Joachim; Rose, Ingo; Ammermann, Eberhard; Grote, Thomas; Strathmann, Siegfried; Lorenz, Gisela

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

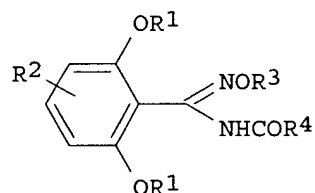
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000017156	A1	20000330	WO 1999-EP6688	19990910
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

PRIORITY APPLN. INFO.: DE 1998-19843326 A 19980922

OTHER SOURCE(S): MARPAT 132:236889

GI



I

AB Title compds. [I; R<sub>1</sub> = F<sub>2</sub>H<sub>2</sub>C, F<sub>3</sub>C; R<sub>2</sub> = H, F; R<sub>3</sub> = alkyl, cyanoalkyl, haloalkyl, alkoxyalkyl, alkenyl, haloalkenyl, alkynyl, cycloalkylalkyl; R<sub>4</sub> = (substituted) phenylalkyl, thienylalkyl, pyrazolylalkyl], were prepared. Thus, 2,6-dihydroxybenzonitrile and NaOH in 1,2-dimethoxyethane was treated with ClF<sub>2</sub>CH followed by stirring for 2 h at 70-75° to give 2,6-bis(difluoromethoxy)**benzonitrile**. This was stirred with NH<sub>2</sub>OH.HCl and Na<sub>2</sub>CO<sub>3</sub> in H<sub>2</sub>O/EtOH to give 2,6-bis(difluoromethoxy)**benzamidoxime**. This was stirred with NaH and cyclopropylmethyl bromide in DMF to give 2,6-bis(difluoromethoxy)**benzamide** O-cyclopropylmethyloxime. The latter was refluxed with PhCH<sub>2</sub>COCl in PhMe to give N-phenylacetyl-2,6-bis(difluoromethoxy)**benzamide** O-cyclopropylmethyloxime. The latter at 63 ppm gave complete control of Erysiphe graminis on wheat seedlings.

IC ICM C07C257-20

ICS A01N037-52; C07C259-18

CC 25-22 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)

Section cross-reference(s): 5

ST **benzamidoxime** prepn agrochem **fungicide**; oxime**benzamide** prepn agrochem **fungicide**IT **Fungicides**(agrochem.; preparation of **benzamidoximes** as agrochem.)

1-yl-4-bromophenylmethanone. The latter at 250 ppm reduced incidence of Phytophthora infestans on tomatoes to  $\leq 20\%$ , vs. 100% for untreated controls.

IC ICM C07D231-00

CC 28-8 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 5

ST hydroxypyrazole prepn agrochem **fungicide**; aroylhydroxypyrazole prepn agrochem **fungicide**

IT **Fungicides**

(agrochem.; preparation of 5-hydroxypyrazoles as agrochem.

**fungicides**)

IT	78051-39-5P	78051-40-8P	82366-05-0P	82366-25-4P	82366-26-5P
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	263700-73-8P	263700-74-9P	263700-75-0P	263700-76-1P	

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 5-hydroxypyrazoles as agrochem. **fungicides**)

IT 67-64-1, Acetone, reactions 80-17-1, **Benzenesulfonic acid** hydrazide 98-60-2, 4-Chlorophenylsulfonyl chloride 356-27-4 367-57-7, Trifluoroacetylacetone 426-65-3 5351-23-5, 4-Hydroxybenzoic acid hydrazide 5933-32-4 65719-09-7, Methyl 2-methylpyridine-3-carboxylate

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of 5-hydroxypyrazoles as agrochem. **fungicides**)

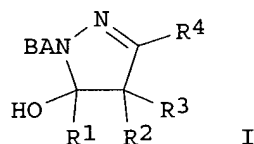
IT 356-30-9P 356-40-1P 2751-25-9P 197079-01-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 5-hydroxypyrazoles as agrochem. **fungicides**)

DOCUMENT NUMBER: 132:279215  
 TITLE: Preparation of 5-hydroxypyrazoles as agrochemical fungicides.  
 INVENTOR(S): Gypser, Andreas; Kirstgen, Reinhard; Sauter, Hubert; Bayer, Herbert; Cullmann, Oliver; Gewehr, Markus; Grammenos, Wassilios; Muller, Bernd; Ptock, Arne; Tormo i Blasco, Jordi; Ammermann, Eberhard; Grote, Thomas; Lorenz, Gisela; Strathmann, Siegfried  
 PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany; et al.  
 SOURCE: PCT Int. Appl., 41 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000020399	A2	20000413	WO 1999-EP7125	19990924
WO 2000020399	A3	20000727		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9961965	A1	20000426	AU 1999-61965	19990924
EP 1117650	A2	20010725	EP 1999-948860	19990924
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002526536	T2	20020820	JP 2000-574516	19990924
PRIORITY APPLN. INFO.:			DE 1998-19845509	A 19981002
			WO 1999-EP7125	W 19990924
OTHER SOURCE(S):		MARPAT 132:279215		
GI				



AB Use of title compds. [I; B = aryl, heteroaryl; A = CO, CS, SO<sub>2</sub>; R<sub>1</sub> = alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, cycloalkenyl, cycloalkynyl, aryl, heterocyclyl, heteroaryl; R<sub>2</sub> = H; R<sub>3</sub> = H, NO<sub>2</sub>, cyano, N(R')<sub>2</sub>, alkyl, haloalkyl, alkoxy, haloalkoxy, alkenyl, haloalkenyl, alkynyl, haloalkynyl; R' = H, alkyl; R<sub>2</sub>R<sub>3</sub> = O, S, NOR<sub>5</sub>; R<sub>5</sub> = H, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl; R<sub>4</sub> = H, halo, NO<sub>2</sub>, cyano, N(R')<sub>2</sub>, alkyl, haloalkyl, CO<sub>2</sub>R', heteroaryl, heterocyclyl], for combating harmful fungi is claimed. Thus, reaction of 4-bromobenzoic acid hydrazide with 5,5,6,6,6-pentafluoro-2,4-hexanedione gave 5-hydroxy-5-(1,1,1,2,2-pentafluoroethyl)-3-methyl-4,5-dihydropyrazol-

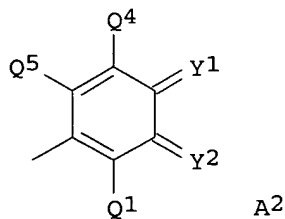
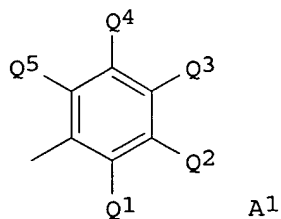
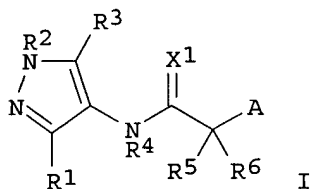
were prepared Thus, a mixture of 4-amino-1,3-dimethyl-1H-pyrazole-5-carboxylic acid Et ester, pyridine, and 4-dimethylaminopyridine in CH<sub>2</sub>Cl<sub>2</sub> was dropwise treated with 3-(4-chlorophenoxy)phenylacetyl chloride followed by stirring for 1 day at 20°-25° to give 76% 4-([3-(4-chlorophenoxy)phenyl]acetyl-amino)-1,3-dimethyl-1H-pyrazole-5-carboxylic acid Et ester. The latter at 63 ppm showed 20% control of *Alternaria solani* on tomato.

IC ICM C07D231-40  
ICS A01N043-56; C07D405-12; C07D413-12; C07D403-12  
CC 28-8 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5  
ST acetylaminopyrazole prepn agricultural **fungicide**; pyrazole  
acetyl-amino prepn pesticide  
IT **Fungicides**  
(agrochem.; preparation of acylated aminopyrazoles as agricultural  
**fungicides** and pesticides)  
IT Pesticides  
(preparation of acylated aminopyrazoles as agricultural **fungicides**  
and pesticides)  
IT 406186-26-3P 476327-93-2P 476327-95-4P 476327-96-5P 476327-97-6P  
476327-98-7P 476327-99-8P 476328-00-4P 476328-01-5P 476328-02-6P  
476328-03-7P 476328-04-8P 476328-05-9P 476328-07-1P 476328-08-2P  
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476329-38-1P 476329-39-2P 476329-40-5P 476329-41-6P 476329-42-7P  
476329-43-8P  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN  
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of acylated aminopyrazoles as agricultural **fungicides**  
and pesticides)  
IT 78220-39-0 174522-62-4 476327-94-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of acylated aminopyrazoles as agricultural **fungicides**  
and pesticides)  
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L51 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2000:241197 CAPLUS

Rose, Ingo; Sauter, Hubert; Tormo i Blasco, Jordi;  
 Lorenz, Gisela; **Ammermann, Eberhard**;  
**Stierl, Reinhard**; **Strathmann, Siegfried**  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 72 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002094793	A1	20021128	WO 2002-EP5471	20020517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			DE 2001-10125548	A 20010523
OTHER SOURCE(S):			MARPAT 137:384840	
GI				



AB Title compds. [I; A = A1, A2; X1 = O, S; R1 = H, alkyl, haloalkyl, alkoxyalkyl, cycloalkyl; R2 = alkyl, haloalkyl, alkoxyalkyl, cycloalkyl; R3 = H, halo, cyano, alkyl, haloalkyl, etc.; R4 = H, alkyl, cyanoalkyl, alkoxyalkyl, alkenyl, alkynyl, etc.; R5, R6 = H, halo, alkyl; or R5R6 = 3-6 membered ring; Q1-Q3 = H, halo, NO2, cyano, OH, (halo)alkyl, (halo)alkoxy, alkenyloxy, alkylcarbonyloxy, alkylthio, etc.; Q4, Q5 = H, halo, OH, alkyl, haloalkyl, (halo)alkoxy, phenoxy, **benzyloxy**],

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FILE LAST UPDATED: 30 May 2006 (20060530/ED)

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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

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*Inventors*

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L37      583 SEA FILE=CAPLUS ABB=ON  PLU=ON  ("AMMERMANN E"/AU OR "AMMERMANN
        EBERHARD"/AU OR "AMMERMANN EBERHARD DR"/AU OR "AMMERMANN
        ERBERHARD"/AU)
L38      197 SEA FILE=CAPLUS ABB=ON  PLU=ON  ("STIERL R"/AU OR "STIERL
        REINHARD"/AU OR "STIERL RHEINHARD"/AU)
L39      3 SEA FILE=CAPLUS ABB=ON  PLU=ON  ("SCHOFU U"/AU OR "SCHOFU U
        A"/AU OR "SCHOFU ULRICH"/AU)
L40      353 SEA FILE=CAPLUS ABB=ON  PLU=ON  ("STRATHMANN S"/AU OR "STRATHMA
        NN SIEGFRIED"/AU OR "STRATHMANN SIEGRIED"/AU)
L41      123 SEA FILE=CAPLUS ABB=ON  PLU=ON  ("SCHELBERGER K"/AU OR
        "SCHELBERGER KLAUS"/AU)
L42      264 SEA FILE=CAPLUS ABB=ON  PLU=ON  ("SCHERER M"/AU OR "SCHERER M
        A"/AU OR "SCHERER M DON"/AU OR "SCHERER M M"/AU OR "SCHERER M
        N"/AU OR "SCHERER M S"/AU OR "SCHERER M T"/AU OR "SCHERER
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L43      34 SEA FILE=CAPLUS ABB=ON  PLU=ON  ("HADEN E"/AU OR "HADEN
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L44      376 SEA FILE=CAPLUS ABB=ON  PLU=ON  (L37 AND (L38 OR L39 OR L40 OR
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        OR L42 OR L43)) OR (L41 AND (L42 OR L43)) OR (L42 AND L43)
L46      373 SEA FILE=CAPLUS ABB=ON  PLU=ON  L44 AND FUNG?/OBI
L48      59 SEA FILE=CAPLUS ABB=ON  PLU=ON  L46 AND (BENZ?/OBI OR AZOL?/OBI
        )
L49      89 SEA FILE=CAPLUS ABB=ON  PLU=ON  L46 AND (BENZ? OR AZOL?)/BI
L50      89 SEA FILE=CAPLUS ABB=ON  PLU=ON  (L48 OR L49)
L51      31 SEA FILE=CAPLUS ABB=ON  PLU=ON  L50 NOT (PY>2002 OR AY>2002 OR
        PRY>2002)
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=> d ibib abs hitind 151 tot

L51 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:906170 CAPLUS

DOCUMENT NUMBER: 137:384840

TITLE: Preparation of acylated 4-aminopyrazoles as agricultural **fungicides** and pesticides

INVENTOR(S): Schaefer, Peter; Grote, Thomas; Schieweck, Frank; Holzenkamp, Uta; Gewehr, Markus; Grammenos, Wassilios; Gypser, Andreas; Mueller, Bernd; Rheinheimer, Joachim;

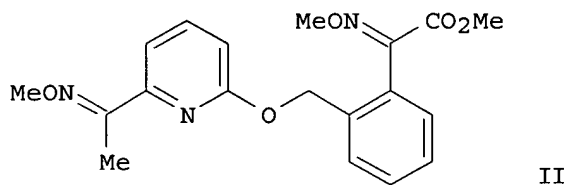
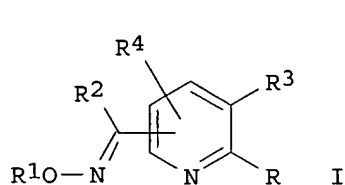


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WO 9730032	A1	19970821	WO 1997-EP736	19970217
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19605903	A1	19970821	DE 1996-19605903	19960217
ZA 9701256	A	19980814	ZA 1997-1256	19970214
AU 9718738	A1	19970902	AU 1997-18738	19970217
EP 885194	A1	19981223	EP 1997-905033	19970217
EP 885194	B1	20021016		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2000504710	T2	20000418	JP 1997-529007	19970217
AT 226195	E	20021115	AT 1997-905033	19970217
US 6114363	A	20000905	US 1998-117702	19980804
PRIORITY APPLN. INFO.:			DE 1996-19605903	A 19960217
			WO 1997-EP736	W 19970217

OTHER SOURCE(S): MARPAT 127:234254

GI



AB Title compds. [I; R = O(CH<sub>2</sub>)<sub>n</sub>ZR<sub>5</sub>; R<sub>1</sub> = H or C-attached organic group (sic); R<sub>2</sub> = H, cyano, C-, O-, or S-attached organic group (sic); R<sub>3</sub> = H, halo, (halo)alkyl; R<sub>4</sub> = H or 1 or 2 of cyano, NO<sub>2</sub>, halo, C-, O-, or S-attached organic group (sic); R<sub>5</sub> = C(:NOMe)R<sub>6</sub>, C(:CHMe)R<sub>6</sub>, etc.; R<sub>6</sub> = CO<sub>2</sub>Me, CONHMe, etc.; Z = (un)substituted 1,2-phenylene; n = 0 or 1] were prepared. Thus, 2-hydroxy-6-acetylpyridine (preparation given) was condensed with MeONH<sub>2</sub>.HCl and the product etherified by (E)-4-(BrCH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>C(:NOMe)CO<sub>2</sub>Me to give title compound (E)-II. Data for biol. activity of I were given.

IC ICM C07D213-64

ICS A01N043-40

CC 27-16 (Heterocyclic Compounds (One Hetero Atom))

Section cross-reference(s): 5

ST pyridyloxymethylalkoximinophenylacetate prepn agrochem **fungicide**

IT **Fungicides**

(agrochem.; 2-[[6-(1-alkoximinoalkyl)-2-pyridyl]oxy(methyl)]-α-(alkoximino)phenylacetates and analogs)

IT	195318-93-5P	195318-94-6P	195318-95-7P	195318-96-8P	195318-97-9P
	195318-98-0P	195318-99-1P	195319-00-7P	195319-02-9P	195319-04-1P
	195319-06-3P	195319-08-5P	195319-11-0P	195319-12-1P	195319-13-2P
	195319-14-3P	195319-15-4P	195319-16-5P	195319-17-6P	195319-18-7P
	195319-19-8P	195319-20-1P	195319-21-2P	195319-22-3P	195319-23-4P
	195319-24-5P	195319-25-6P	195319-27-8P	195319-30-3P	195319-32-5P
	195319-34-7P	195319-36-9P	195319-38-1P	195319-41-6P	195319-45-0P
	195319-48-3P				

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of 2-[[6-(1-alkoximinoalkyl)-2-pyridyl]oxy(methyl)]-α-(alkoximino)phenylacetates and analogs as agrochem. **fungicides**)

)

IT 622-33-3, **Benzyloxyamine** 626-05-1, 2,6-Dibromopyridine  
 38945-21-0, Allyloxyamine hydrochloride 55676-22-7, Ethanone,  
 1-(6-chloro-3-pyridinyl)- 65550-78-9, 2-Bromo-3-methyl-5-iodopyridine  
 120800-05-7, Ethanone, 1-(5,6-dichloro-3-pyridinyl)- 133409-72-0  
 149728-97-2  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of 2-[[6-(1-alkoximinoalkyl)-2-pyridyl]oxy(methyl)]- $\alpha$ -  
 (alkoximino)phenylacetates and analogs as agrochem. **fungicides**)

IT 4645-11-8P, 2-Bromo-6-ethoxypyridine 21190-90-9P, 2-Acetyl-6-  
 ethoxypyridine 49669-13-8P, Ethanone, 1-(6-bromo-2-pyridinyl)-  
 137678-86-5P 195319-50-7P 195319-51-8P 195319-52-9P 195319-53-0P  
 195319-54-1P 195319-55-2P 195319-56-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of 2-[[6-(1-alkoximinoalkyl)-2-pyridyl]oxy(methyl)]- $\alpha$ -  
 (alkoximino)phenylacetates and analogs as agrochem. **fungicides**)

L51 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:479392 CAPLUS

DOCUMENT NUMBER: 127:95100

TITLE: Preparation of aromatic cyaniminooxime ether  
 pesticides and agrochemical **fungicides**

INVENTOR(S): Bayer, Herbert; Mueller, Ruth; Sauter, Hubert;  
 Grammenos, Wassilio; Grote, Thomas; Kirstgen,  
 Reinhard; Mueller, Bernd; Oberdorf, Klaus; Roehl,  
 Franz; **Ammermann, Eberhard**; Harries, Volker;  
 Lorenz, Gisela; **Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 72 pp.

CODEN: GWXXBX

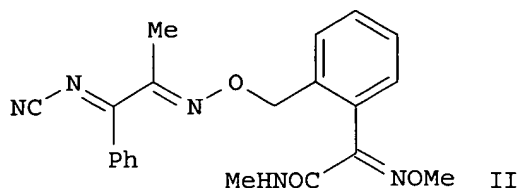
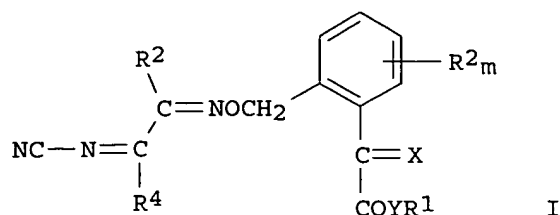
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19548783	A1	19970703	DE 1995-19548783	19951227
WO 9724319	A1	19970710	WO 1996-EP5641	19961216
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9711959	A1	19970728	AU 1997-11959	19961216
EP 873307	A1	19981028	EP 1996-943130	19961216
EP 873307	B1	20000531		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE				
JP 2000503007	T2	20000314	JP 1997-523997	19961216
AT 193523	E	20000615	AT 1996-943130	19961216
US 6063813	A	20000516	US 1998-91850	19980625
PRIORITY APPLN. INFO.:			DE 1995-19548783	A 19951227
			WO 1996-EP5641	W 19961216
OTHER SOURCE(S):			MARPAT 127:95100	
GI				



AB The title compds. [I; R1 = H, alkyl; R2 = CN, NO2, halogen, alkyl, CF3, alkoxy; R3 = H, CN, alkyl, haloalkyl, alkoxy, cycloalkyl; R4 = H, (un)substituted alkyl, (un)substituted alkenyl, (un)substituted alkynyl, (un)substituted cycloalkyl, (un)substituted cycloalkenyl, (un)substituted heterocyclyl, (un)substituted aryl or heteroaryl; X = NOME, CHOMe, CHMe; Y = O, NZ; Z = H, alkyl; m = 0-2], useful as agrochem. fungicides, insecticides, acaricides, and nematocides, are prepared Thus, (E,E)-2-methoxyimino-2-[2-[(1-methyl-1-benzoyl)iminooxymethyl]phenyl]acetic acid methylamide was reacted with bis(trimethylsilyl)carbodiimide in the presence of TiCl4, producing cyanimino derivative II. Plasmopara viticola-infected grape leaves, when treated with 63 ppm II, demonstrated 5% leaf surface fungal coverage, vs. 80% leaf coverage for untreated, infected plants.

IC ICM C07C261-04

ICS A01N037-42; A01N037-50; A01N043-40; A01N043-54; A01N043-08; A01N043-28; A01N043-26; A01N043-653; A01N043-36; A01N043-38

ICA C07C267-00; C07F007-10; C07D521-00

CC 25-20 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)  
Section cross-reference(s): 5

IT **Fungicides**

(agrochem.; aromatic cyaniminooxime ethers)

IT 192184-75-1P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aromatic cyaniminooxime ether pesticides and agrochem. **fungicides**)

IT 1000-70-0, Bis(trimethylsilyl)carbodiimide 17019-26-0 133409-72-0

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of aromatic cyaniminooxime ether pesticides and agrochem. **fungicides**)

IT 192184-72-8P 192184-74-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of aromatic cyaniminooxime ether pesticides and agrochem. **fungicides**)

L51 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:374840 CAPLUS

DOCUMENT NUMBER: 126:343394

TITLE: Preparation of  $\alpha$ -[(phenoxyethyl)phenyl]iminoace

tates and analogs as pesticides and agrochemical fungicides

INVENTOR(S): Sauter, Hubert; Grammenos, Wassilios; Mueller, Bernd; Oberdorf, Klaus; Goetz, Norbert; Roehl, Franz; Ammermann, Eberhard; Lorenz, Gisela; Strathmann, Siegfried; et al.

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: PCT Int. Appl., 57 pp.  
CODEN: PIXXD2

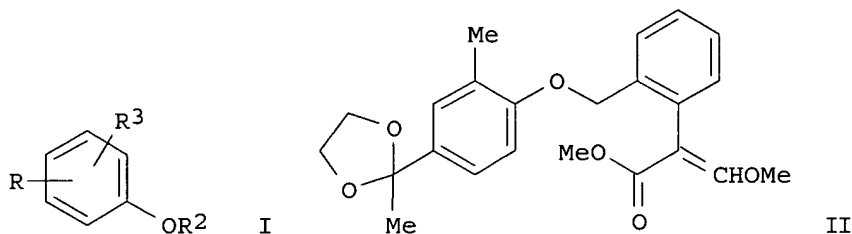
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9714693	A1	19970424	WO 1996-EP4263	19960930
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9672829	A1	19970507	AU 1996-72829	19960930
EP 873333	A1	19981028	EP 1996-934495	19960930
EP 873333	B1	20020213		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE				
JP 11514357	T2	19991207	JP 1996-515458	19960930
AT 213240	E	20020215	AT 1996-934495	19960930
ZA 9608786	A	19980420	ZA 1996-8786	19961018
US 6060493	A	20000509	US 1998-51789	19980420
PRIORITY APPLN. INFO.:			DE 1995-19538855	A 19951019
			WO 1996-EP4263	W 19960930
OTHER SOURCE(S):	MARPAT 126:343394			
GI				



AB Title compds. [I; R = CR<sub>4</sub>XY; R<sub>1</sub> = CH<sub>2</sub>ZR<sub>1</sub>; R<sub>1</sub> = C(CO<sub>2</sub>Me):CHOMe, C(CO<sub>2</sub>Me):NOMe, C(CONHMe):NOMe, N(OMe)CO<sub>2</sub>Me; R<sub>3</sub> = 0-3 substituents selected from cyano, halo, (halo)alkyl, alkoxy; R<sub>4</sub> = H, (halo)alkyl, cycloalkyl, Ph; X,Y = alkoxy, alkylthio, (di)alkylamino; XY = atoms to complete a heterocyclic ring; Z = (un)substituted 1,2-phenylene] were prepared. Thus, 2,4-Me(MeCO)C<sub>6</sub>H<sub>3</sub>OH was O-benzoylated and the product converted in 3 steps to 3,4-Me(HO)C<sub>6</sub>H<sub>3</sub>R (R = 2-methyl-1,3-dioxolan-2-yl) which was O-alkylated by 2-(BrCH<sub>2</sub>)C<sub>6</sub>H<sub>4</sub>C(CO<sub>2</sub>Me):CHOMe to give title compound II. Data for biol. activity of I were given.

IC ICM C07D317-22

ICS C07C069-734; C07C251-48; C07D319-06; C07D263-06; C07D265-06; C07D277-04; C07D279-06; C07D339-06; C07D339-08; C07C303-20;

A01N043-28; A01N037-36; A01N037-50; A01N043-32; A01N043-76;  
A01N043-86; A01N043-20

CC 25-19 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)  
Section cross-reference(s): 5

ST phenoxymethylphenyliminoacetate prepn pesticide agrochem **fungicide**

IT **Fungicides**  
(agrochem.; preparation of  $\alpha$ -[(phenoxymethyl)phenyl]iminoacetates and  
analogs as pesticides and agrochem. **fungicides**)

IT Pesticides  
(preparation of  $\alpha$ -[(phenoxymethyl)phenyl]iminoacetates and analogs as  
pesticides and agrochem. **fungicides**)

IT 189944-95-4P 189944-96-5P 189944-97-6P 189944-98-7P 189944-99-8P  
189945-00-4P 189945-01-5P 189945-02-6P 189945-03-7P 189945-04-8P  
189945-05-9P 189945-06-0P 189945-07-1P 189945-08-2P 189945-09-3P  
189945-14-0P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
adverse); BSU (Biological study, unclassified); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of  $\alpha$ -[(phenoxymethyl)phenyl]iminoacetates and analogs as  
pesticides and agrochem. **fungicides**)

IT 98-88-4, **Benzoyl** chloride 876-02-8, 1-(4-Hydroxy-3-  
methylphenyl)ethanone 107048-59-9 159505-30-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of  $\alpha$ -[(phenoxymethyl)phenyl]iminoacetates and analogs as  
pesticides and agrochem. **fungicides**)

IT 189945-10-6P 189945-11-7P 189945-12-8P 189945-13-9P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of  $\alpha$ -[(phenoxymethyl)phenyl]iminoacetates and analogs as  
pesticides and agrochem. **fungicides**)

L51 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:356423 CAPLUS  
DOCUMENT NUMBER: 126:330498  
TITLE: Oxyamino oxime ethers as pesticides  
INVENTOR(S): Bayer, Herbert; Sauter, Hubert; Oberdorf, Klaus;  
Grammenos, Wassilios; Grote, Thomas; Kirstgen,  
Reinhard; Mueller, Bernd; Mueller, Ruth; Roehl, Franz;  
**Ammermann, Eberhard**; Harries, Volker; Lorenz,  
Gisela; **Strathmann, Siegfried**; Goetz,  
Norbert  
PATENT ASSIGNEE(S): BASF A.-G., Germany  
SOURCE: Ger. Offen., 132 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19537750	A1	19970417	DE 1995-19537750	19951010
CA 2231661	AA	19970417	CA 1996-2231661	19960930
WO 9713747	A1	19970417	WO 1996-EP4255	19960930
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL,				
RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9672163	A1	19970430	AU 1996-72163	19960930
EP 854861	A1	19980729	EP 1996-933424	19960930

EP 854861	B1	20010725		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
CN 1199393	A	19981118	CN 1996-197578	19960930
BR 9610997	A	19990713	BR 1996-10997	19960930
JP 11513397	T2	19991116	JP 1996-514680	19960930
AT 203514	E	20010815	AT 1996-933424	19960930
ES 2160839	T3	20011116	ES 1996-933424	19960930
PT 854861	T	20020130	PT 1996-933424	19960930
ZA 9608538	A	19980414	ZA 1996-8538	19961010
GR 3036534	T3	20011231	GR 2001-401394	20010905
PRIORITY APPLN. INFO.:			DE 1995-19537750	A 19951010
			WO 1996-EP4255	W 19960930

OTHER SOURCE(S): MARPAT 126:330498

AB 2-R1YCOC(:X)C6H4CH2ON:CR2NR3OR4 [X = NOME, CHOMe, CHMe; Y = O, NH, alkylimino; R1 = H, alkyl; R2 = H, alkyl, haloalkyl, cycloalkyl; R3 = H, (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocyclyl, aryl, heteroaryl; and the **benzene** ring may be further substituted] were prepared for use as fungicides, insecticides, acaricides, and nematocides (no data). Thus, MeONMeAc was converted to the thioamide and treated with (E)-2-H2NOCH2C6H4C(:NOME)CONHMe to give (E,E)-2-MeONMeCMe:NOCH2C6H4C(:NOME)CONHMe.

IC ICM C07D227-02

ICS C07C251-60; C07C251-50; C07C255-17; C07C327-38; C07D247-00;

C07D315-00; C07D255-00; C07D257-00; C07D269-00; A01N043-00;

A01N037-52

ICA C07C249-04; C07C255-24; C07C323-23; C07C317-28; C07D521-00; C07D283-00; C07D333-10

ICI C07M009-00

CC 25-19 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)

Section cross-reference(s): 5

ST aminoethylideneaminooxymethylphenylacetate prepn insecticide acaricide **fungicide** nematocide

IT Acaricides

**Fungicides**

Insecticides

Nematocides

(preparation of aminoethylideneaminooxymethylphenylacetate derivs. as pesticides)

L51 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:281148 CAPLUS

DOCUMENT NUMBER: 126:264106

TITLE: Preparation of heterocyclylsulfonylalkyl  
**benzoates** and analogs as agrochemical  
**fungicides**

INVENTOR(S): Wagner, Oliver; Wetterich, Frank; Eicken, Karl; Rack, Michael; Hamprecht, Gerhard; Lamm, Gunther; Speakman, John-Bryan; Lorenz, Gisela; **Ammermann, Eberhard; Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF A.-G., Germany; Wagner, Oliver; Wetterich, Frank; Eicken, Karl; Rack, Michael; Hamprecht, Gerhard; Lamm, Gunther; Speakman, John-Bryan; Lorenz, Gisela; et al.

SOURCE: PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9708147	A1	19970306	WO 1996-EP3680	19960821
W: AU, BR, CA, CN, HU, IL, JP, KR, MX, NZ, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19531148	A1	19970227	DE 1995-19531148	19950824
DE 19548781	A1	19970703	DE 1995-19548781	19951227
AU 9669265	A1	19970319	AU 1996-69265	19960821
EP 850223	A1	19980701	EP 1996-930067	19960821
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
JP 2002515023	T2	20020521	JP 1997-509818	19960821
US 6069144	A	20000530	US 1998-11610	19980212
PRIORITY APPLN. INFO.:			DE 1995-19531148	A 19950824
			DE 1995-19548781	A 19951227
			WO 1996-EP3680	W 19960821

OTHER SOURCE(S): MARPAT 126:264106

AB RSomZ1Z2COR1 [I; R = (un)substituted pyridyl, -pyrimidyl, -pyrazinyl, etc.; R1 = (un)substituted (hetero)aryl, -cycloalk(en)yl, -aralkyl; Z1 = (un)substituted (CH2)2-3; Z2 = O, S, (alkyl)imino; m = 0-2] were prepared. Thus, 2,5-dichloro-3-trifluoromethylpyridine was thioetherified by HSCH2CH2OH and the product esterified by 3-ClC6H4COCl to give, after oxidation, RSomCH2CH2O2C6H4Cl-3 (R = 5-chloro-3-trifluoromethyl-2-pyridyl) (II; m = 1 and 2). Data for biol. activity of I were given.

IC ICM C07D213-71

ICS A01N043-40; C07D277-76; C07D513-04; C07D239-38; C07D215-54

CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 5

ST heterocyclisulfonylalkyl **benzoate** prepn agrochem**fungicide**IT **Fungicides**(agrochem.; heterocyclisulfonylalkyl **benzoates** and analogs)

IT 188590-65-0P	188590-66-1P	188590-67-2P	188590-68-3P	188590-69-4P
188590-70-7P	188590-71-8P	188590-72-9P	188590-73-0P	188590-74-1P
188590-75-2P	188590-76-3P	188590-77-4P	188590-78-5P	188590-79-6P
188590-80-9P	188590-81-0P	188590-82-1P	188590-83-2P	188590-84-3P
188590-85-4P	188590-86-5P	188590-87-6P	188590-88-7P	188590-89-8P
188590-90-1P	188590-91-2P	188590-92-3P	188590-93-4P	188590-94-5P
188590-95-6P	188590-96-7P	188590-97-8P	188590-98-9P	188591-00-6P
188591-02-8P	188591-04-0P	188591-06-2P	188591-07-3P	188591-08-4P
188591-09-5P	188591-10-8P	188591-11-9P	188591-12-0P	188591-13-1P
188591-14-2P	188591-15-3P	188591-16-4P	188591-17-5P	188591-18-6P
188591-19-7P	188591-20-0P	188591-28-8P	188591-39-1P	188591-42-6P
188591-43-7P	188732-37-8P	188732-38-9P	188732-39-0P	188732-40-3P
188732-41-4P	188732-42-5P	188732-43-6P	188732-44-7P	188732-45-8P
188732-46-9P	188732-47-0P	188732-48-1P	188732-49-2P	188732-50-5P
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188733-03-1P	188733-04-2P	188733-05-3P	188733-06-4P	188733-07-5P
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 188733-48-4P 188733-49-5P 188733-50-8P 188733-51-9P 188733-52-0P  
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 188733-63-3P 188733-64-4P 188733-65-5P 188733-66-6P 188733-67-7P  
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 188734-03-4P 188734-04-5P 188734-05-6P 188734-06-7P 188734-07-8P  
 188734-08-9P 188734-09-0P 188734-10-3P 188734-11-4P 188734-12-5P  
 188734-13-6P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of heterocyclylsulfonylalkyl **benzoates** and analogs as agrochem. **fungicides**)

IT 618-46-2, 3-Chlorobenzoyl chloride 70158-59-7

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of heterocyclylsulfonylalkyl **benzoates** and analogs as agrochem. **fungicides**)

IT 173729-51-6P 188591-47-1P 188591-48-2P 188591-49-3P 188591-50-6P  
 188591-51-7P 188591-52-8P 188591-53-9P 188591-54-0P 188591-55-1P  
 188591-56-2P 188591-57-3P 188591-60-8P 188591-62-0P 188591-64-2P  
 188591-66-4P 188591-68-6P 188732-73-2P 188732-74-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heterocyclylsulfonylalkyl **benzoates** and analogs as agrochem. **fungicides**)

L51 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:226951 CAPLUS

DOCUMENT NUMBER: 126:208523

TITLE: Synergistic **fungicidal** mixtures

INVENTOR(S): Schwalge, Barbara; Mueller, Ruth; Bayer, Herbert;  
 Sauter, Hubert; Saur, Reinhold; **Schelberger,**  
**Klaus; Ammermann, Eberhard;** Lorenz,  
 Gisela; **Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

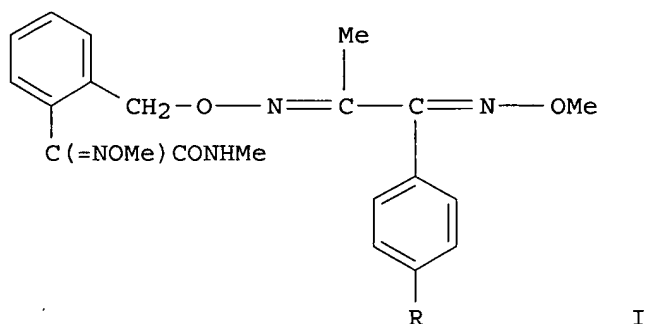
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9706678	A1	19970227	WO 1996-EP3358	19960731
W:	AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			



AU 9667396	A1	19970312	AU 1996-67396	19960731
EP 844818	A1	19980603	EP 1996-927637	19960731
EP 844818	B1	19990922		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
BR 9609930	A	19990608	BR 1996-9930	19960731
JP 11511143	T2	19990928	JP 1996-508873	19960731
AT 184751	E	19991015	AT 1996-927637	19960731
ZA 9606956	A	19980320	ZA 1996-6956	19960816
US 5994382	A	19991130	US 1998-983253	19980120
PRIORITY APPLN. INFO.:			DE 1995-19530172	A 19950817
OTHER SOURCE(S):			WO 1996-EP3358	W 19960731
GI			MARPAT 126:208523	



AB A fungicidal mixture contains synergistically effective amts. of an oxime ether carboxylic acid amide I (R = H or halo) and an **azole** derivative selected from bromuconazole, cyproconazole, difenoconazole, diniconazole, epoxiconazole, fenbuconazole, fluquinconazole, flusilazole, hexaconazole, metconazole, prochloraz, propiconazole, tebuconazole, tetraconaz, myclobutanil.

IC ICM A01N037-50

ICI A01N037-50, A01N055-00, A01N047-38, A01N043-653, A01N043-50

CC 5-2 (Agrochemical Bioregulators)

ST synergism **fungicide** mixt oxime ether carboxamide

IT **Fungicides**  
(synergistic; oxime ether carboxylic acid amide-containing mixts.)

IT 188052-52-0 188052-53-1 188052-54-2 188052-55-3 188052-56-4  
188052-57-5 188052-58-6 188052-59-7 188052-60-0 188052-61-1  
188052-62-2 188052-63-3 188052-64-4 188052-65-5 188052-66-6  
188052-67-7 188052-68-8 188052-69-9

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicide**)

IT 60207-90-1D, Propiconazole, mixts. with oxime ether carboxylic acid amides  
67747-09-5D, Prochloraz, mixts. with oxime ether carboxylic acid amides  
68694-11-1D, Triflumizole, mixts. with oxime ether carboxylic acid amides  
76674-21-0D, Flutriafol, mixts. with oxime ether carboxylic acid amides  
79983-71-4D, Hexaconazole, mixts. with oxime ether carboxylic acid amides  
83657-24-3D, Diniconazole, mixts. with oxime ether carboxylic acid amides  
85509-19-9D, Flusilazole, mixts. with oxime ether carboxylic acid amides  
88671-89-0D, Myclobutanil., mixts. with oxime ether carboxylic acid amides  
94361-06-5D, Cyproconazole, mixts. with oxime ether carboxylic acid amides  
107534-96-3D, Tebuconazole, mixts. with oxime ether carboxylic acid amides  
112281-77-3D, Tetraconazole, mixts. with oxime ether carboxylic acid

amides 114369-43-6D, Fenbuconazole, mixts. with oxime ether carboxylic acid amides 116255-48-2D, Bromuconazole, mixts. with oxime ether carboxylic acid amides 119446-68-3D, Difenoconazole, mixts. with oxime ether carboxylic acid amides 125116-23-6D, Metconazole, mixts. with oxime ether carboxylic acid amides 133855-98-8D, Epoxiconazole, mixts. with oxime ether carboxylic acid amides 136426-54-5D, Fluquinconazole, mixts. with oxime ether carboxylic acid amides

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic **fungicides**)

L51 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:145140 CAPLUS

DOCUMENT NUMBER: 126:144279

TITLE: Preparation of **benzyloxyiminomethyltriazoles** as agrochemical and industrial pesticides and **fungicides**.

INVENTOR(S): Mueller, Bernd; Sauter, Hubert; Roehl, Franz; Lorenz, Gisela; **Ammermann, Eberhard**;  
**Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 29 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

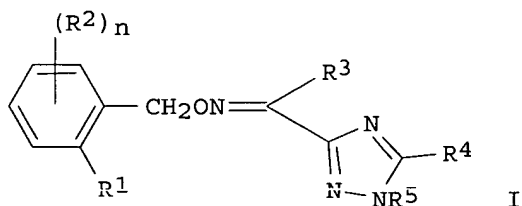
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19523288	A1	19970102	DE 1995-19523288	19950627
WO 9701545	A1	19970116	WO 1996-EP2665	19960620
W: AU, BG, BR, CA, CN, CZ, HU, IL, JP, KR, MX, NO, NZ, PL, SG, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9662251	A1	19970130	AU 1996-62251	19960620
EP 835250	A1	19980415	EP 1996-920833	19960620
EP 835250	B1	20020522		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE, IE				
JP 11507328	T2	19990629	JP 1996-529763	19960620
AT 217868	E	20020615	AT 1996-920833	19960620
ZA 9605409	A	19971225	ZA 1996-5409	19960626
US 5905087	A	19990518	US 1997-973728	19971215
PRIORITY APPLN. INFO.:			DE 1995-19523288	A 19950627
			WO 1996-EP2665	W 19960620

OTHER SOURCE(S): MARPAT 126:144279

GI



AB Title compds. [I; R1 = C(CO2Ra):CHRB, C(CO2Ra):CHORb, C(CO2Ra):NORb,

C(CONRaRc):NORb; Ra, Rb = alkyl; Rc = H, alkyl; n = 0-4; R2 = NO2, cyano, halo, (substituted) alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy; pairs of adjoining R2 = atoms to form rings; R3 = H, cyano, halo, alkyl, haloalkyl, alkenyl, alkynyl, alkoxy, haloalkoxy, alkenyloxy, haloalkenyloxy, alkynyloxy, haloalkynyloxy, alkylthio, haloalkylthio, cycloalkyl; R4 = H, cyano, halo, (substituted) alkyl, alkoxy, alkylthio, alkenyl, alkenyloxy, alkenylthio, alkynyl, alkynyloxy, alkynylthio, (unsatd.) ring; R5 = (substituted) alkyl, alkenyl, alkynyl, (unsatd.) ring], were prepared as pesticides and materials preservatives (no data). Thus,  $\alpha$ -keto-2-bromomethylphenylacetic acid Me ester trans-O-methyloxime and 1-phenyl-3-acetyltriazole oxime (preparation given) were stirred with K2CO3 in DMF for 3 days to give  $\alpha$ -keto-2-[(1-phenyltriazol-3-yl)acetiminoxymethyl]phenylacetic acid Me ester trans-O-methyloxime.

- IC ICM C07D249-08  
ICS C07D249-10; C07D521-00; A01N043-653; A61K031-41  
ICI C07M009-00  
CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5  
ST **benzyloxyiminomethyltriazole** prepn pesticide **fungicide**  
; triazole **benzyloxyiminomethyl** prepn pesticide  
**fungicide**; materials preservative **benzyloxyiminomethyltriazole**
- IT **Fungicides**  
(agrochem.; preparation of **benzyloxyiminomethyltriazoles** as  
pesticides and **fungicides**)
- IT Preservatives  
(materials preservatives; preparation of **benzyloxyiminomethyltriazoles**\*  
\*\* as pesticides and \*\*\***fungicides**)
- IT Pesticides  
(preparation of **benzyloxyiminomethyltriazoles** as pesticides and  
**fungicides**)
- IT Materials  
(preservatives; preparation of **benzyloxyiminomethyltriazoles** as  
pesticides and **fungicides**)
- IT 186690-10-8P 186690-11-9P 186690-12-0P 186690-13-1P 186690-14-2P  
186690-15-3P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
adverse); BSU (Biological study, unclassified); BUU (Biological use,  
unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP  
(Preparation); USES (Uses)  
(preparation of **benzyloxyiminomethyltriazoles** as pesticides and  
**fungicides**)
- IT 74-89-5, Methylamine, reactions 122-51-0, Triethyl orthoformate  
5470-11-1, Hydroxylamine hydrochloride 67266-48-2 107048-59-9  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of **benzyloxyiminomethyltriazoles** as pesticides and  
**fungicides**)
- IT 61698-27-9P, 3-Acetyl-1-phenyl-1,2,4-triazole 99072-75-0P 186690-16-4P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of **benzyloxyiminomethyltriazoles** as pesticides and  
**fungicides**)

L51 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1997:69792 CAPLUS  
DOCUMENT NUMBER: 126:89378  
TITLE: Preparation of 2-[2-(azolyloxymethyl  
)phenyl]crotonates as pesticides and

**fungicides.**

INVENTOR(S): Grammenos, Wassilios; Mueller, Bernd; Sauter, Hubert; Oberdorf, Klaus; Koenig, Hartmann; Goetz, Norbert; Rack, Michael; Lorenz, Gisela; **Ammermann, Eberhard; Strathmann, Siegfried**

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: PCT Int. Appl., 32 pp.  
CODEN: PIXXD2

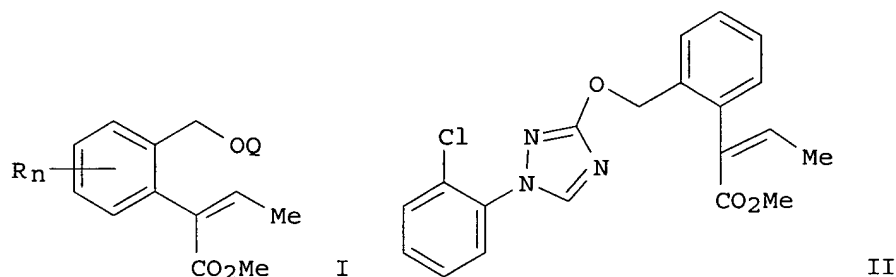
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9637480	A1	19961128	WO 1996-EP2043	19960513
W: AU, BG, BR, CA, CN, CZ, HU, JP, KR, MX, NO, NZ, PL, SG, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2218900	AA	19961128	CA 1996-2218900	19960513
AU 9658957	A1	19961211	AU 1996-58957	19960513
AU 700515	B2	19990107		
EP 812317	A1	19971217	EP 1996-916056	19960513
EP 812317	B1	19990908		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				
CN 1185149	A	19980617	CN 1996-194114	19960513
JP 11506434	T2	19990608	JP 1996-535327	19960513
BR 9608780	A	19990706	BR 1996-8780	19960513
AT 184278	E	19990915	AT 1996-916056	19960513
ZA 9604116	A	19971124	ZA 1996-4116	19960523
US 5998446	A	19991207	US 1997-952987	19971120
PRIORITY APPLN. INFO.:			DE 1995-19519040	A 19950524
			WO 1996-EP2043	W 19960513
OTHER SOURCE(S):		MARPAT 126:89378		
GI				



AB Title compds. [I; R = cyano, halo, alkyl, alkoxy; n = 0-2; Q = 5-membered heteroaryl containing 3 N atoms or 2 N atoms and 1 O or S atom, bearing a (substituted) 6-membered aryl. or heteroaryl], were prepared. Thus, 2-chlorophenylhydrazine hydrochloride was stirred overnight with KOCN in H<sub>2</sub>O to give an intermediate which was heated with HC(OEt)<sub>3</sub> to give 1-(2-chlorophenyl)-3-hydroxy-1,2,4-triazole. This was stirred with KI and Me α-(2-bromomethylphenyl)-β-methylacrylate in DMF at 45° for 5 h to give title compound (II). Several I at 16 ppm on grapes reduced incidence of *Plasmopara viticola* to <10%, vs. 70% for

untreated controls.

IC ICM C07D249-12  
ICS C07D271-07; C07D271-113; C07D285-13; C07D401-04; C07D403-04;  
C07D413-04; C07D417-04; A01N043-653; A01N043-82

CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5

ST **azolyloxymethylphenylcrotonate** prepn pesticide fungicide

IT **Fungicides**  
(agrochem.; preparation of 2-[2-(**azolyloxymethyl**)phenyl]crotonates  
as pesticides and **fungicides**)

IT Pesticides  
(preparation of 2-[2-(**azolyloxymethyl**)phenyl]crotonates as  
pesticides and **fungicides**)

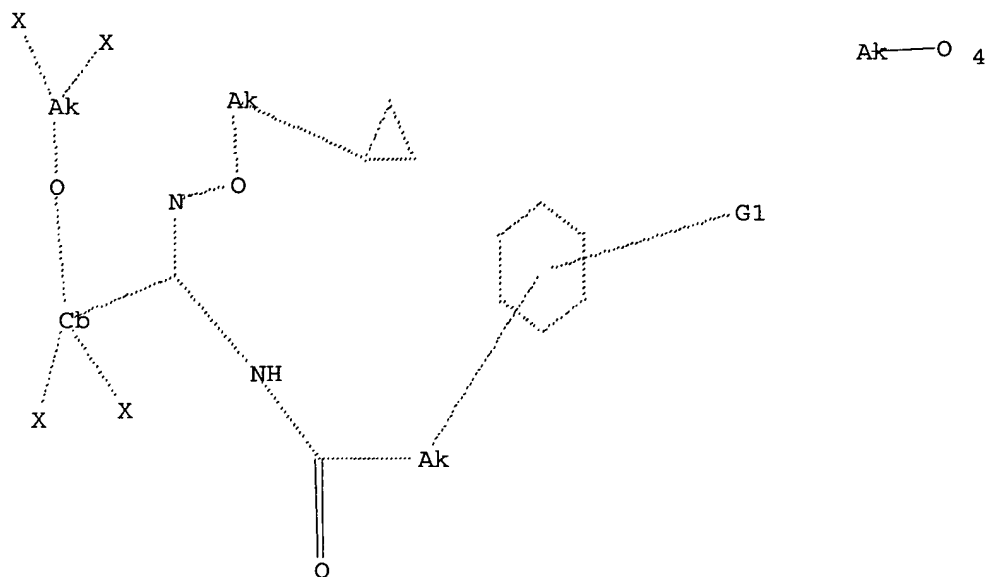
IT 185557-34-0P 185557-35-1P 185557-36-2P 185557-37-3P 185557-38-4P  
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185557-44-2P 185557-45-3P 185557-46-4P 185557-48-6P 185557-50-0P  
185557-52-2P 185557-54-4P 185557-55-5P 185557-56-6P 185557-57-7P  
185557-58-8P 185557-59-9P 185557-60-2P 185557-61-3P 185557-62-4P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
adverse); BSU (Biological study, unclassified); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of 2-[2-(**azolyloxymethyl**)phenyl]crotonates as  
pesticides and **fungicides**)

IT 122-51-0, Triethyl orthoformate 590-28-3, Potassium cyanate  
10449-07-7, 2-Chlorophenylhydrazine 144260-26-4 185557-63-5,  
5-Hydroxy-3-(4-fluorophenyl)-1,2,4-oxadiazole  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of 2-[2-(**azolyloxymethyl**)phenyl]crotonates as  
pesticides and **fungicides**)

IT 14580-28-0P 37176-51-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of 2-[2-(**azolyloxymethyl**)phenyl]crotonates as  
pesticides and **fungicides**)

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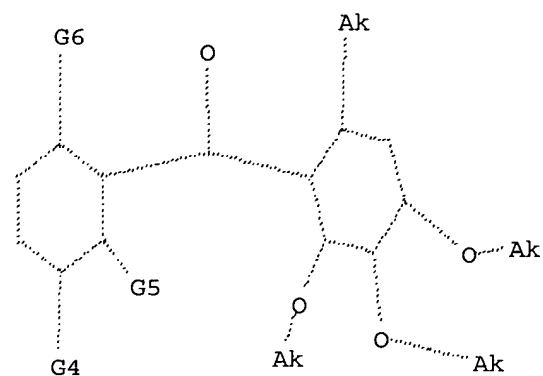
L1 STR

H 1 X 2 Ak<sup>3</sup>

G1 [ @1 ], [ @2 ], [ @3 ], [ @4 ]

Structure attributes must be viewed using STN Express query preparation.

L3 36 SEA FILE=REGISTRY SSS FUL L1  
 L4 17 SEA FILE=CAPLUS ABB=ON PLU=ON L3  
 L5 STR

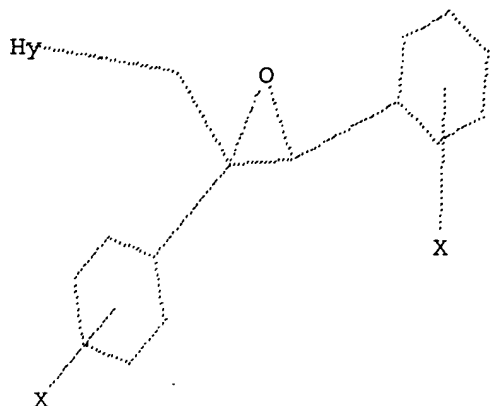


G1  
 G2  
 G3  
 G4 H, X, Ak  
 G5 X, Ak  
 G6 X, Ak, O

Structure attributes must be viewed using STN Express query preparation.

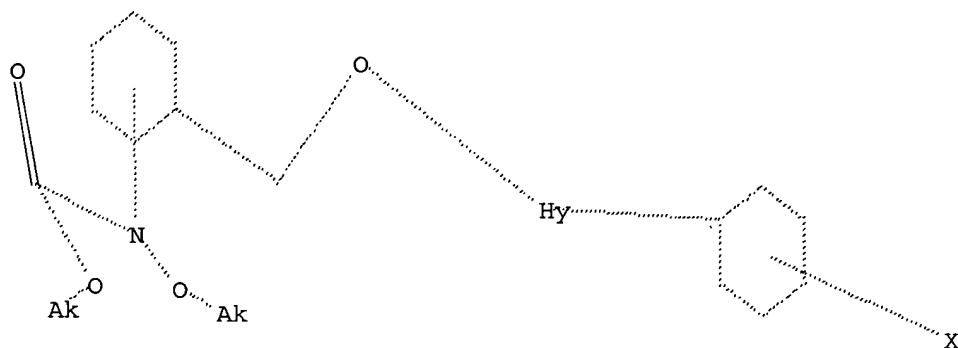
L7 298 SEA FILE=REGISTRY SSS FUL L5

L8 63 SEA FILE=CAPLUS ABB=ON PLU=ON L7  
 L9 STR



Structure attributes must be viewed using STN Express query preparation.

L11 223 SEA FILE=REGISTRY SSS FUL L9  
 L12 427 SEA FILE=CAPLUS ABB=ON PLU=ON L11  
 L13 STR



Structure attributes must be viewed using STN Express query preparation.

L15 109 SEA FILE=REGISTRY SSS FUL L13  
 L16 155 SEA FILE=CAPLUS ABB=ON PLU=ON L15  
 L17 19 SEA FILE=REGISTRY ABB=ON PLU=ON (L3 AND (L7 OR L11 OR L15))  
 OR (L7 AND (L11 OR L15)) OR (L11 AND L15)  
 L18 13 SEA FILE=CAPLUS ABB=ON PLU=ON L17  
 L19 56 SEA FILE=CAPLUS ABB=ON PLU=ON (L4 AND (L8 OR L12 OR L16)) OR  
 (L8 AND (L12 OR L16)) OR (L12 AND L16)  
 L21 12 SEA FILE=CAPLUS ABB=ON PLU=ON L4 AND (L8 OR L12 OR L16)  
 L22 21 SEA FILE=CAPLUS ABB=ON PLU=ON L8 AND ((L12 OR L16))  
 L23 44 SEA FILE=CAPLUS ABB=ON PLU=ON L12 AND L16  
 L24 16 SEA FILE=CAPLUS ABB=ON PLU=ON (L21 AND (L22 OR L23)) OR (L22  
 AND L23)  
 L33 43 SEA FILE=CAPLUS ABB=ON PLU=ON L19 NOT L18  
 L34 1 SEA FILE=CAPLUS ABB=ON PLU=ON L33 NOT (PY>2002 OR AY>2002 OR  
 PRY>2002)  
 L35 14 SEA FILE=CAPLUS ABB=ON PLU=ON (L18 OR L34)  
 L36 26 SEA FILE=CAPLUS ABB=ON PLU=ON (L35 OR L24)

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L36 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:343598 CAPLUS

DOCUMENT NUMBER: 144:364543

TITLE: Synergistic fungicidal compositions comprising pyrazole derivatives

INVENTOR(S): Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans

PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.

SOURCE: PCT Int. Appl., 142 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

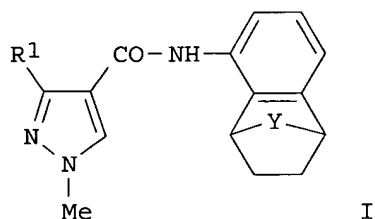
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037632	A1	20060413	WO 2005-EP10755	20051006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.:

GB 2004-22401

A 20041008

GI



AB Synergistic fungicidal compns. comprise a pyrazole derivative I (R1 = difluoromethyl or trifluoromethyl; Y = CHR2 or C:CH2; R2 = H or alkyl) or a I tautomer and component any of a very large number of known fungicides and insecticides.

IT 882164-74-1

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicidal composition)

RN 882164-74-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[5,6,7,8-tetrahydro-9-(1-methylethyl)-5,8-methanonaphthalen-1-yl]-, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-

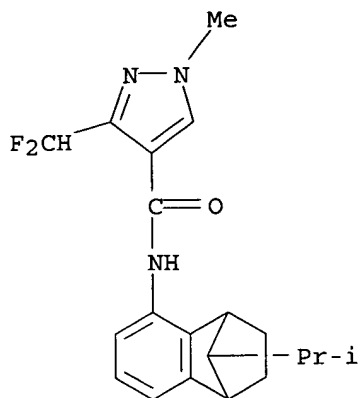


1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 881685-58-1

CMF C20 H23 F2 N3 O

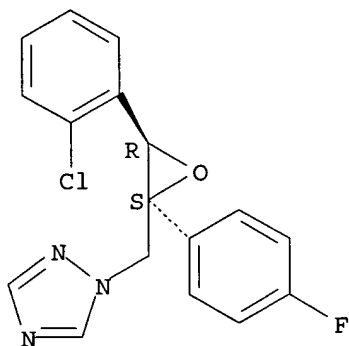


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.

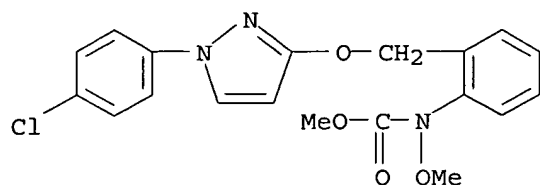


IT 175013-18-0D, Pyraclostrobin, mixts. containing 220899-03-6D  
 , Metrafenone, mixts. with pyrazole derivs. 221201-92-9D, mixts.  
 with pyrazole derivs.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic fungicidal compns.)

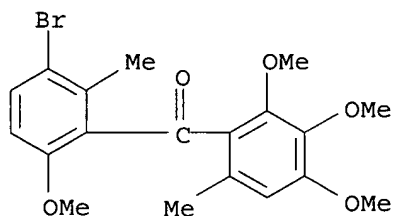
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



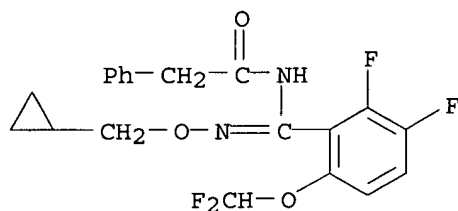
RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



RN 221201-92-9 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:151202 CAPLUS

DOCUMENT NUMBER: 144:207363

TITLE: Synergistic fungicidal compositions comprising pyrazole derivatives

INVENTOR(S): Walter, Harald; Neuenschwander, Urs; Zeun, Ronald; Ehrenfreund, Josef; Tobler, Hans; Corsi, Camilla; Lamberth, Clemens

PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.

SOURCE: PCT Int. Appl., 104 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

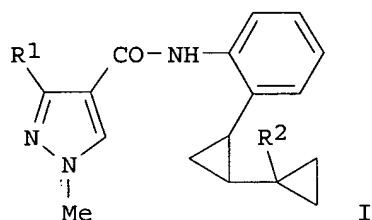
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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 WO 2006015865      A1      20060216      WO 2005-EP8748      20050811  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,  
 LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,  
 NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,  
 SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,  
 ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,  
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM  
 PRIORITY APPLN. INFO.:      GB 2004-18047      A 20040812  
 OTHER SOURCE(S):      MARPAT 144:207363  
 GI



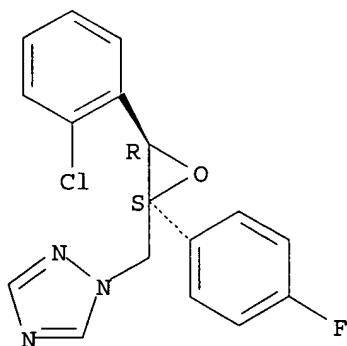
AB Synergistic fungicidal compns. comprise the pyrazole derivs. I (R1 = CF3 or CHF2; H or Me) or I tautomers and one of a very large number of known fungicides.

IT 133855-98-8D, Epoxiconazole;; mixts. with pyrazole derivs.  
 175013-18-0D, Pyraclostrobin;; mixts. with pyrazole derivs.  
 220899-03-6D, Metrafenone, mixts. with pyrazole derivs.  
 221201-92-9D, mixts. with pyrazole derivs.  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic fungicidal compns.)

RN 133855-98-8 CAPLUS

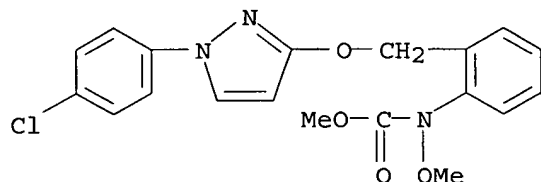
CN 1H-1,2,4-Triazole, 1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



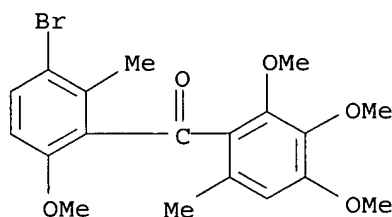
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



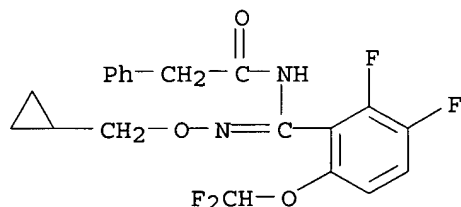
RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



RN 221201-92-9 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:147748 CAPLUS

DOCUMENT NUMBER: 144:207360

TITLE: Synergistic fungicide mixtures comprising triazolopyrimidine derivatives

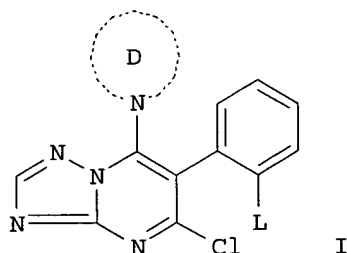
INVENTOR(S): Blettner, Carsten; Dietz, Jochen; Grammenos, Wassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 73 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006015728	A1	20060216	WO 2005-EP8192	20050728
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: DE 2004-102004037784A 20040803  
 OTHER SOURCE(S): MARPAT 144:207360  
 GI



AB Synergistic fungicidal mixts. comprise: (1) a 5-chloro-6-phenyl-7-heterocyclaminotriazolopyrimidine derivative I, wherein D forms a pyrrolidine, piperidine or azepine ring together with the nitrogen atom, the rings being substituted or not substituted by one or two Me groups or by an Et, Pr or Bu group; and L represents Me, fluorine or chlorine; and (2) at least one active ingredient selected from: (A) azoles; (B) strobilurines; (C) acylalanines; (D) amine derivs.; (E) anilinopyrimidines; (F) dicarboximides; (G) cinnamic acid amides and analoges; (H) antibiotics; (K) dithiocarbamates; (L) heterocyclic compds.; (M) sulfur and copper fungicides; (N) nitrophenyl derivs.; (O) phenylpyrroles; (P) sulfenic acid derivs.; (Q) other fungicides; or (R) growth retardants.

IT 875294-86-3 875294-87-4 875295-14-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic fungicidal composition)

RN 875294-86-3 CAPLUS

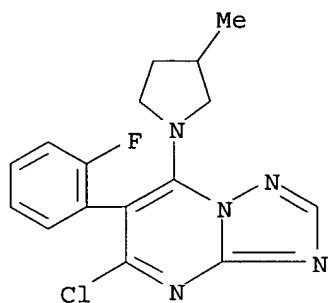
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)-, mixt. with rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-

fluorophenyl)oxiranyl)methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 875294-85-2

CMF C16 H15 Cl F N5

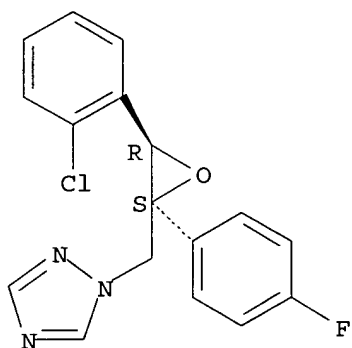


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



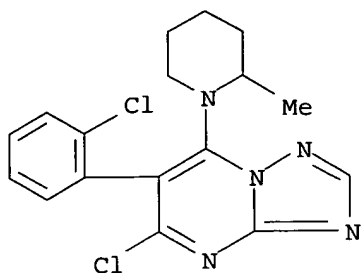
RN 875294-87-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)-, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl)methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 187233-46-1

CMF C17 H17 Cl2 N5

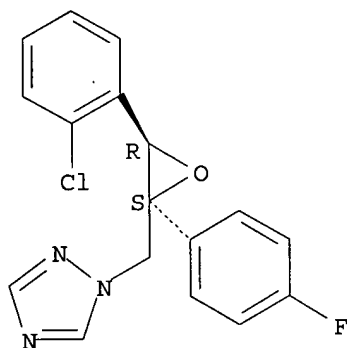


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



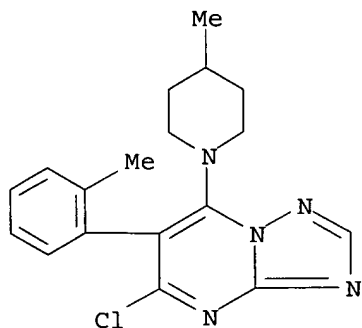
RN 875295-14-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with 5-chloro-6-(2-methylphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 875294-90-9

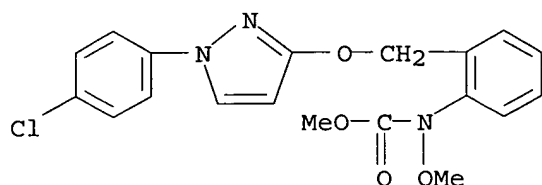
CMF C18 H20 Cl N5



CM 2

CRN 175013-18-0

CMF C19 H18 Cl N3 O4

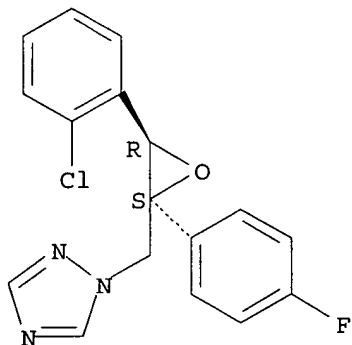


IT 133855-98-8D, Epoxiconazole, mixts. with triazolopyrimidine derivs. 175013-18-0D, Pyraclostrobin, mixts. with triazolopyrimidine derivs. 220899-03-6D, MetrAfenone, mixts. with triazolopyrimidine derivs.  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

RN 133855-98-8 CAPLUS

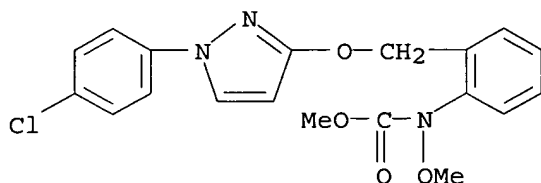
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 175013-18-0 CAPLUS

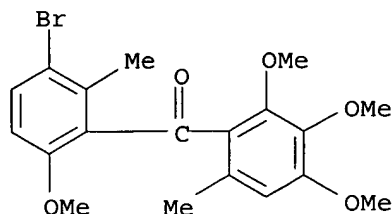
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)





REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1242496 CAPLUS

DOCUMENT NUMBER: 143:473906

TITLE: Synergistic fungicidal mixtures comprising triazolopyrimidines

INVENTOR(S): Blettner, Carsten; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoebl, Ulrich; Stierl, Reinhard

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

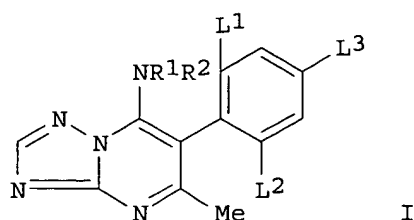
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005110080	A2	20051124	WO 2005-EP5070	20050511
WO 2005110080	A3	20060209		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: DE 2004-102004024193A 20040513

DE 2004-102004024797A 20040517

OTHER SOURCE(S): MARPAT 143:473906

GI



AB The invention relates to synergistic fungicidal mixts. containing a 5-methyl-7-aminotriazolopyrimidine derivative I, wherein R1 is alkyl, halogenalkyl, alkenyl or cyclopentyl, R2 is hydrogen or alkyl, R1 and R2 together with the nitrogen atom to which they are bound may form a piperidinyl cycle substitutable by a Me group, L1 is fluorine or chlorine, L2, L3 are independently from each other hydrogen, fluorine or chlorine, and at least one active substance selected from azoles, strobilurins, acylalanines, amine derivs., anilinopyrimidines, dicarboximides, cinnamic acid amides and analogs thereof, antibiotics, dithiocarbamates, heterocyclic compds., sulfur and copper fungicides, nitrophenyl derivs., phenylpyrroles, sulfenic acid derivs., other fungicides and growth retardants.

IT 869497-37-0 869497-46-1

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicidal composition)

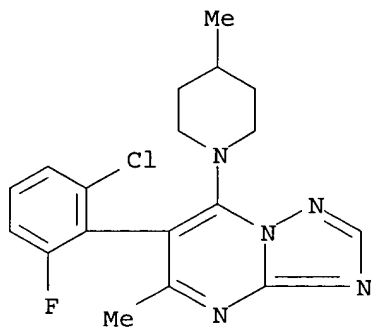
RN 869497-37-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-fluorophenyl)-5-methyl-7-(4-methyl-1-piperidinyl)-, mixt. with rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 220482-07-5

CMF C18 H19 Cl F N5

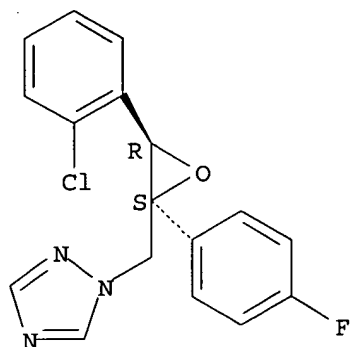


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



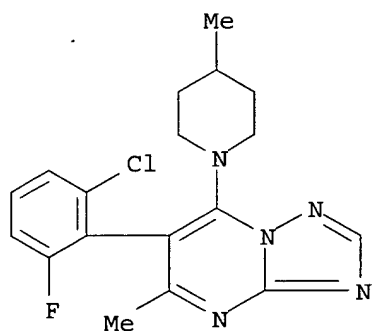
RN 869497-46-1 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with 6-(2-chloro-6-fluorophenyl)-5-methyl-7-(4-methyl-1-piperidiny) [1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 220482-07-5

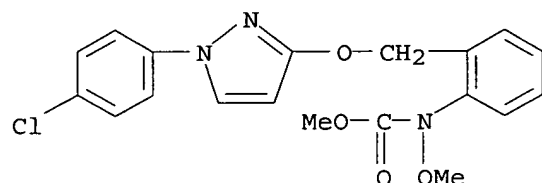
CMF C18 H19 Cl F N5



CM 2

CRN 175013-18-0

CMF C19 H18 Cl N3 O4



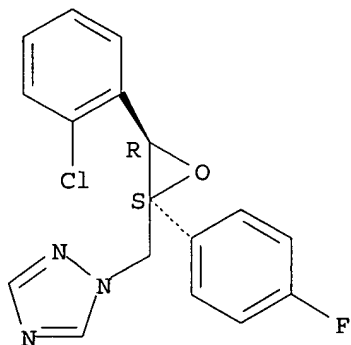
IT 133855-98-8D, mixts. with 5-methyl-7-aminotriazolopyrimidine derivative 175013-18-0D, Pyraclostrobin, mixts. with 5-methyl-7-aminotriazolopyrimidine derivative 220899-03-6D,

Metrafenone, mixts. with 5-methyl-7-aminotriazolopyrimidine derivative  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic fungicidal compns.)

RN 133855-98-8 CAPLUS

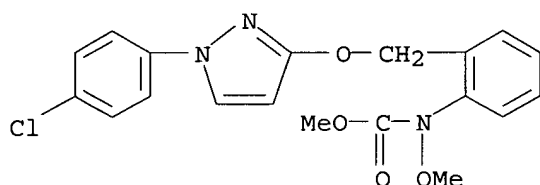
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



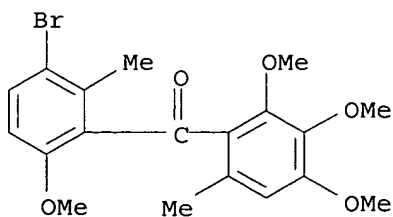
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



L36 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1196027 CAPLUS

DOCUMENT NUMBER: 143:434112

TITLE: Synergistic fungicidal mixtures containing sulfamoyl compounds

INVENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;

Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Gewehr, Markus; Mueller, Bernd; Suarez-Cervieri, Miguel Octavio; Niedenbrueck, Matthias

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 43 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

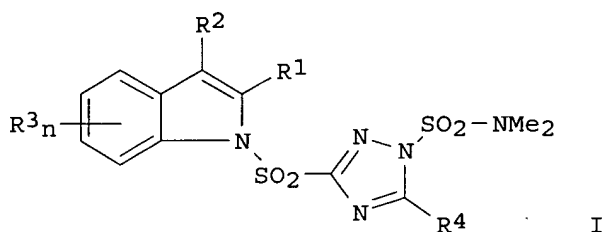
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005104847	A1	20051110	WO 2005-EP4387	20050423
<p>W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW</p> <p>RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG</p>				

PRIORITY APPLN. INFO.: DE 2004-102004021766A 20040430  
DE 2004-102004025032A 20040518

OTHER SOURCE(S): MARPAT 143:434112  
GI



AB Synergistic fungicidal mixts. contain sulfamoyl compds. I (R1 = H, halo, cyano, alkyl, haloalkyl, alkoxy, alkylthio, alkoxycarbonyl, Ph, benzyl, formyl, or CH:NOA; A = H, alkyl, alkylcarbonyl; R2 = H, halo, cyano, alkyl, haloalkyl, alkoxycarbonyl; R3 = halo, cyano, nitro, alkyl, haloalkyl, alkoxy, alkylthio, alkoxycarbonyl, formyl, or CH:NOA; n = 0, 1, 2, 3, or 4; R4 = H, halo, cyano, alkyl, or haloalkyl) and at least one active substance selected among azoles, strobilurine, acylalanine, amine derivs., anilinopyrimidines, dicarboximides, cinnamides and analogs, dithiocarbamates, heterocyclic compds., sulfur and copper fungicides, nitrophenyl derivs., phenylpyrroles, sulfenic acid derivs., or other fungicides.

IT 133855-98-8D, Epoxiconazole, mixts. with sulfamoyl compds.  
175013-18-0D, Pyraclostrobin, mixts. with sulfamoyl compds.

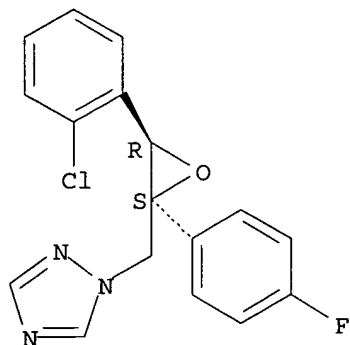
220899-03-6D, Metrafenone, mixts. with sulfamoyl compds.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicidal compns.)

RN 133855-98-8 CAPLUS

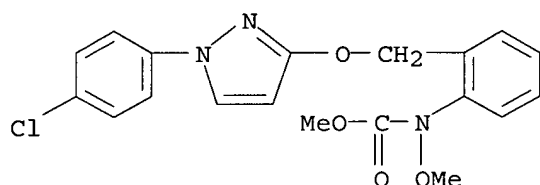
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



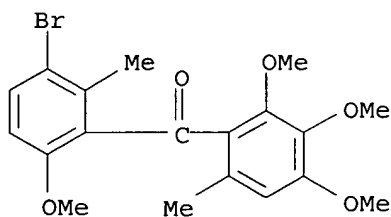
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1106849 CAPLUS

DOCUMENT NUMBER: 143:361642

TITLE: Synergistic ternary fungicidal mixtures

INVENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;  
Stierl, Reinhard; Strathmann, Siegfried; Schoefl,  
Ulrich  
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany  
SOURCE: PCT Int. Appl., 38 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 6  
PATENT INFORMATION:

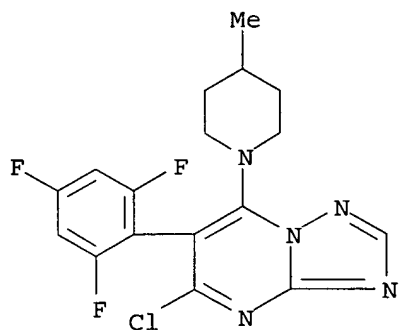
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005094583	A1	20051013	WO 2005-EP3213	20050326
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: DE 2004-102004016084A 20040330  
AB Synergistic ternary fungicidal mixts. comprise 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine, a strobilurin derivative (pyraclostrobin or orysastrobin) and a fungicide selected from acylalanines, amine derivs., anilinoypyrimidines, antibiotics, azoles, dicarboximides, dithiocarbamates, copper fungicides, nitrophenyl derivs., phenylpyrroles, sulfenic acid derivs., cinnamic acid derivs. and their analogs and anilazine, benomyl, boscalid, carbendazim, carboxin, oxycarboxin, cyazofamid, dazomet, dithianon, famoxadone, fenamidone, fenarimol, fuberidazole, flutolanil, furametpyr, isoprothiolane, mepronil, nuarimol, picobenzamide, probenazole, proquinazid, pyrifenoxy, pyroquilon, quinoxifen, silthiofam, thiabendazole, thifluzamide, thiophanate-Me, tiadinil, tricyclazole, triforine, sulfur, acibenzolar-S-Me, benthiavalicarb, carpropamid, chlorothalonil, cyflufenamid, cymoxanil, dazomet, diclomezine, diclocymet, diethofencarb, edifenphos, ethaboxam, fenhexamid, fentin acetate, fenoxanil, ferimzone, fluazinam, phosphorous acid, fosetyl, fosetyl-aluminum, iprovalicarb, hexachlorobenzene, metrafenone, pencycuron, propamocarb, phthalide, tolclofos-Me, quintozone and zoxamideamt.  
IT 866130-56-5 866130-57-6 866130-58-7  
866130-59-8 866130-60-1  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic ternary fungicidal mixture)  
RN 866130-56-5 CAPLUS  
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-1H-imidazole-1-carboxamide (9CI) (CA INDEX NAME)

CM 1

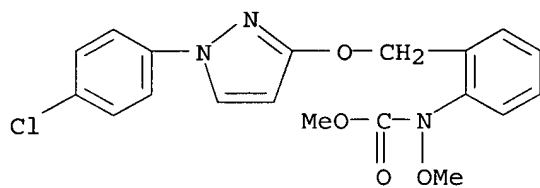
CRN 214706-53-3

CMF C17 H15 Cl F3 N5



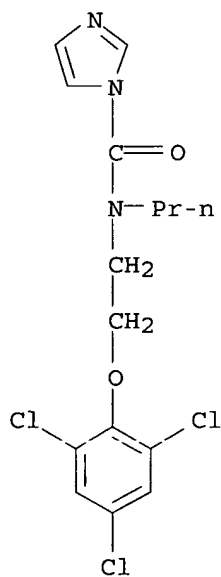
CM 2

CRN 175013-18-0  
CMF C19 H18 Cl N3 O4



CM 3

CRN 67747-09-5  
CMF C15 H16 Cl3 N3 O2





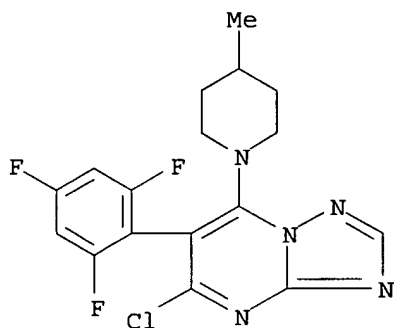
RN 866130-57-6 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with 5-chloro-7-(4-methyl-1-piperidiny)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and 5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3

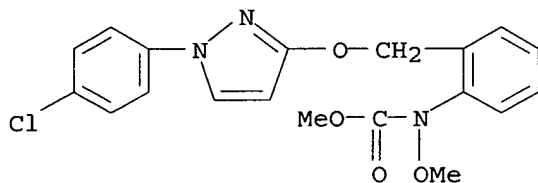
CMF C17 H15 Cl F3 N5



CM 2

CRN 175013-18-0

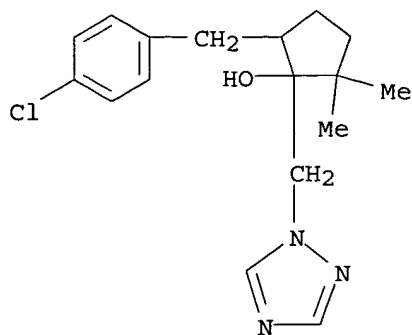
CMF C19 H18 Cl N3 O4



CM 3

CRN 125116-23-6

CMF C17 H22 Cl N3 O



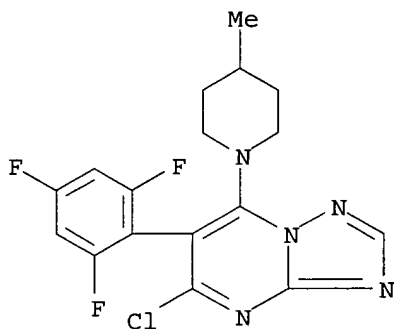
RN 866130-58-7 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with 5-chloro-7-(4-methyl-1-piperidiny)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3

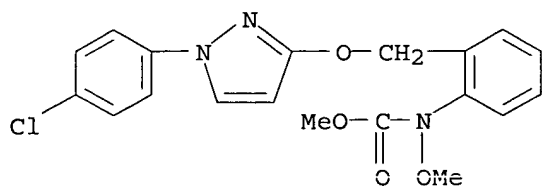
CMF C17 H15 Cl F3 N5



CM 2

CRN 175013-18-0

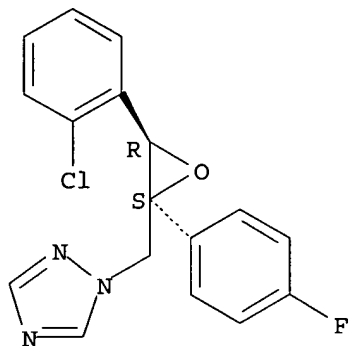
CMF C19 H18 Cl N3 O4



CM 3

CRN 133855-98-8  
CMF C17 H13 Cl F N3 O

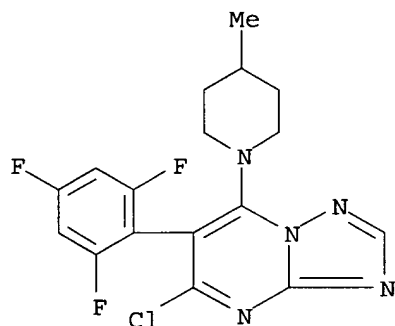
Relative stereochemistry.



RN 866130-59-8 CAPLUS  
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-3-pyridinecarboxamide and 5-chloro-7-(4-methyl-1-piperidiny)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

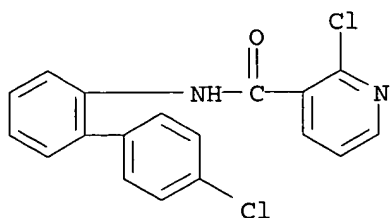
CM 1

CRN 214706-53-3  
CMF C17 H15 Cl F3 N5



CM 2

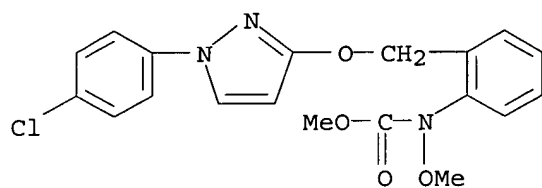
CRN 188425-85-6  
CMF C18 H12 Cl2 N2 O



CM 3

CRN 175013-18-0

CMF C19 H18 Cl N3 O4



RN 866130-60-1 CAPLUS

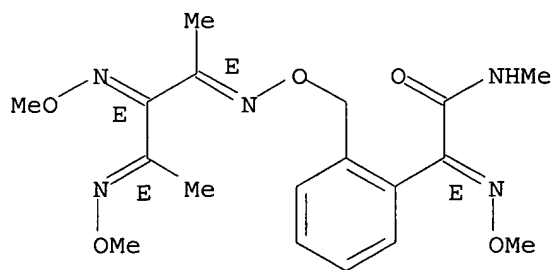
CN Benzeneacetamide,  $\alpha$ -(methoxyimino)-2-[(3E,5E,6E)-5-(methoxyimino)-4,6-dimethyl-2,8-dioxo-3,7-diazanona-3,6-dien-1-yl]-N-methyl-, ( $\alpha$ E)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidine and rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 248593-16-0

CMF C18 H25 N5 O5

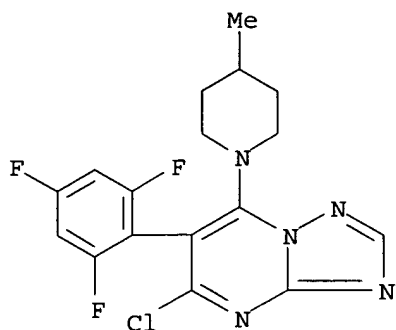
Double bond geometry as shown.



CM 2

CRN 214706-53-3

CMF C17 H15 Cl F3 N5

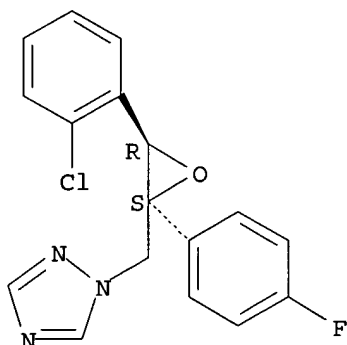


CM 3

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.

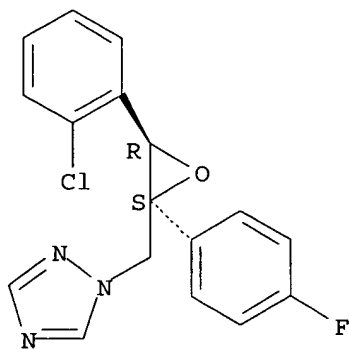


IT **133855-98-8D**, Epoxiconazole, mixts. with triazolopyrimidine and strobilurin derivs. **175013-18-0D**, (Pyraclostrobin, ternary mixts. containing triazolopyrimidine derivs. **220899-03-6D**, Metrafenone, mixts. with triazolopyrimidine and strobilurin derivs. RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic ternary fungicidal mixts.)

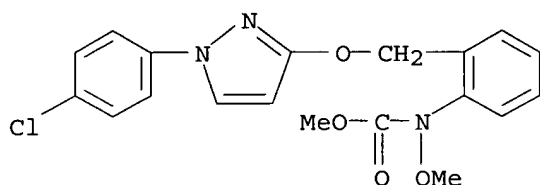
RN 133855-98-8 CAPLUS

CN 1H-1,2,4-Triazole, 1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

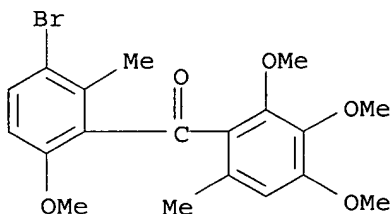
Relative stereochemistry.



RN 175013-18-0 CAPLUS  
 CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



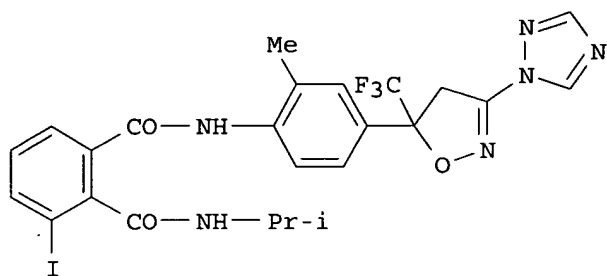
RN 220899-03-6 CAPLUS  
 CN Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2005:1073977 CAPLUS  
 DOCUMENT NUMBER: 143:361659  
 TITLE: Compositions containing benzanilides and their application as pesticides  
 INVENTOR(S): Takii, Shinji  
 PATENT ASSIGNEE(S): Nissan Chemical Industries, Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 190 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005272443	A2	20051006	JP 2005-38603	20050216
PRIORITY APPLN. INFO.:			JP 2004-46912	A 20040223
OTHER SOURCE(S):	MARPAT 143:361659			
GI				



AB New insecticidal, acaricidal, nematocidal, fungicidal, or antibacterial compns. contain  $\geq 1$  benzanilide, or salt thereof, and  $\geq 1$  other component such as aldimorph or diflubenzuron. Thus, I + fenpropathrin synergistically controlled *Carposina niponensis* on apple.

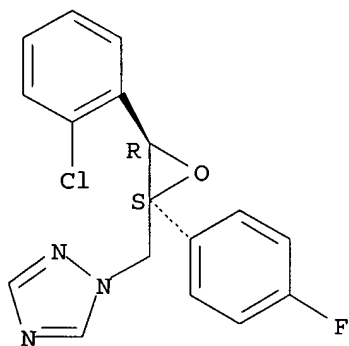
IT **133855-98-8D**, Epoxiconazole, mixts. with benzanilides  
**175013-18-0D**, Pyraclostrobin, mixts. with benzanilides  
**220899-03-6D**, Metrafenone, mixts. with benzanilides

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)  
(synergistic insecticides, acaricides, nematocides, fungicides, and antibacterial agents containing benzanilide derivs.)

RN 133855-98-8 CAPLUS

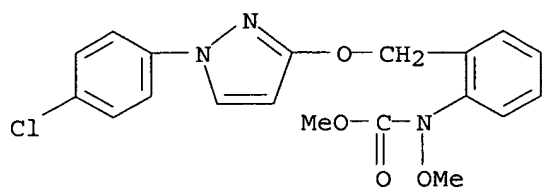
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



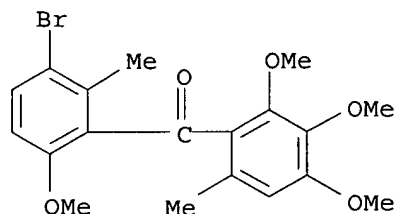
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



L36 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:471844 CAPLUS

DOCUMENT NUMBER: 143:28318

TITLE: Micronized wood preservative formulations

INVENTOR(S): Leach, Robert M.; Zhang, Jun

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 21 pp., Cont.-in-part of U.S. Ser. No. 821,326.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005118280	A1	20050602	US 2004-970446	20041021
US 2004258767	A1	20041223	US 2004-821326	20040409
WO 2006047126	A2	20060504	WO 2005-US37303	20051018

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

US 2003-461547P	P	20030409
US 2003-518994P	P	20031111
US 2004-821326	A2	20040409



US 2004-568485P P 20040506

US 2004-970446 A 20041021

AB The wood preservative compns. comprising micronized particles. The composition comprises dispersions of micronized metal or metal compds. The wood preservative composition comprises an inorg. component comprising a metal or metal compound and organic biocide. When the composition comprises an inorg. component and an organic biocide, the inorg. component or the organic biocide

or

both are present as micronized particles. When used for preservation of wood, the micronized particles can be observed as uniformly distributed within the wood and there is minimal leaching of the metal and biocide from the wood.

IT 133855-98-8, Epoxiconazole 175013-18-0, Pyraclostrobin

220899-03-6, Metrafenone

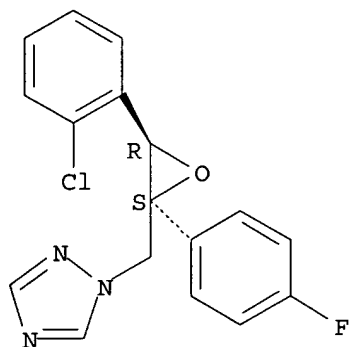
RL: BUU (Biological use, unclassified); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)

(micronized wood preservative formulations comprising inorg. metal compds. and organic biocides)

RN 133855-98-8 CAPLUS

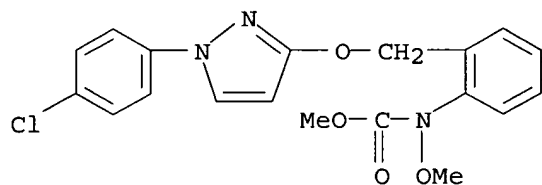
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



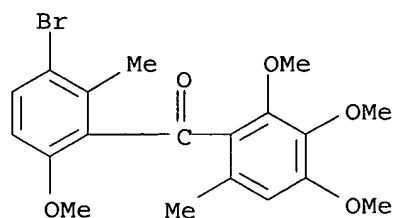
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)

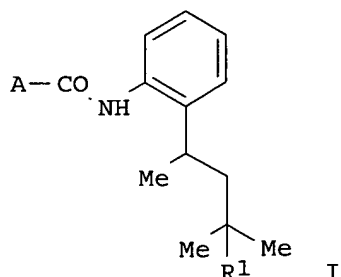


L36 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2005:405320 CAPLUS  
 DOCUMENT NUMBER: 142:425351  
 TITLE: Synergistic fungicidal combinations comprising a carboxamide derivative  
 INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Suty-Heinze, Anne  
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 126 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005041653	A2	20050512	WO 2004-EP11403	20041012
WO 2005041653	A3	20050728		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10349501	A1	20050525	DE 2003-10349501	20031023
PRIORITY APPLN. INFO.:			DE 2003-10349501	A 20031023
OTHER SOURCE(S):	MARPAT 142:425351			
GI				



AB Synergistic fungicidal combinations comprise a carboxamide derivative I [R1 = H, halo or (halo)alkyl; R1 = (un)substituted Ph, furyl, pyridinyl, etc.] and any of a very large number of known fungicides.

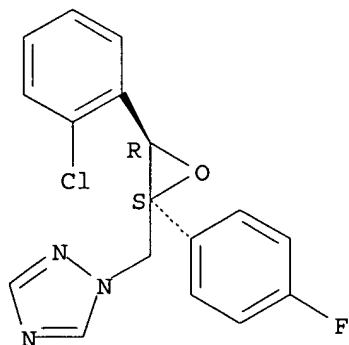
IT 133855-98-8D, Epoxiconazole, mixture with carboxamide derivative  
 175013-18-0D, Pyraclostrobin, mixture with carboxamide derivative  
 220899-03-6D, Metrafenone, mixture with carboxamide derivative  
 851018-55-8 851018-90-1 851018-91-2

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic fungicidal composition)

RN 133855-98-8 CAPLUS

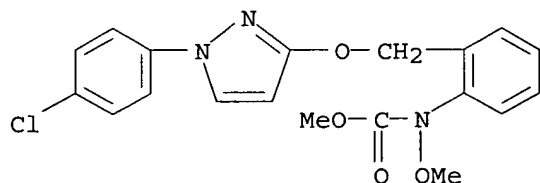
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



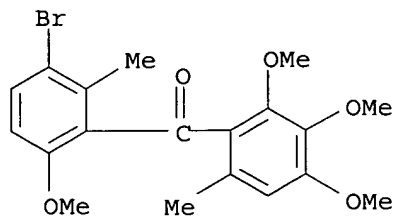
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

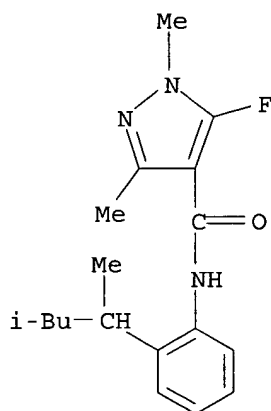
CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



RN 851018-55-8 CAPLUS  
 CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-, mixt. with rel-1-[[2-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

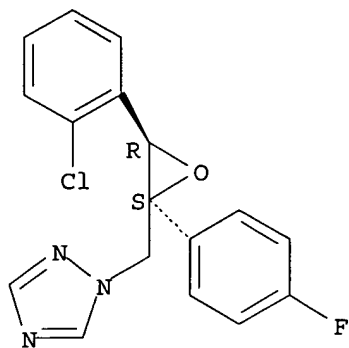
CRN 494793-67-8  
 CMF C18 H24 F N3 O



CM 2

CRN 133855-98-8  
 CMF C17 H13 Cl F N3 O

Relative stereochemistry.



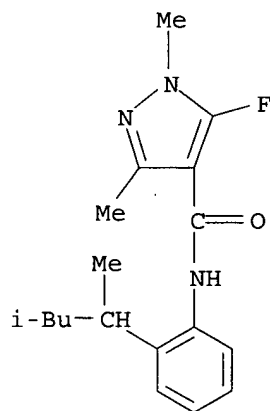
RN 851018-90-1 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 494793-67-8

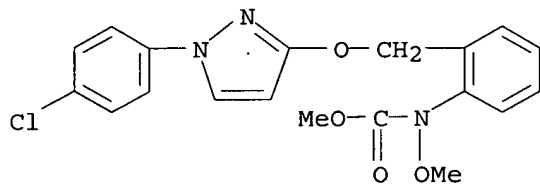
CMF C18 H24 F N3 O



CM 2

CRN 175013-18-0

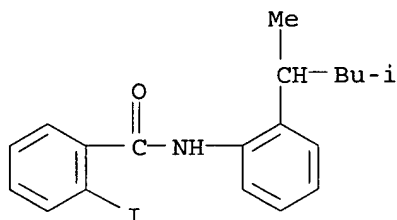
CMF C19 H18 Cl N3 O4



RN 851018-91-2 CAPLUS  
 CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with N-[2-(1,3-dimethylbutyl)phenyl]-2-iodobenzamide (9CI) (CA INDEX NAME)

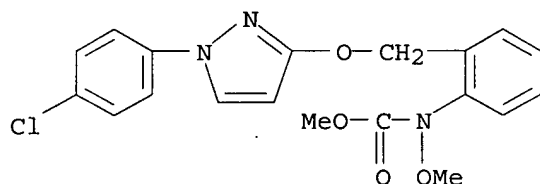
CM 1

CRN 640290-17-1  
 CMF C19 H22 I N O



CM 2

CRN 175013-18-0  
 CMF C19 H18 Cl N3 O4

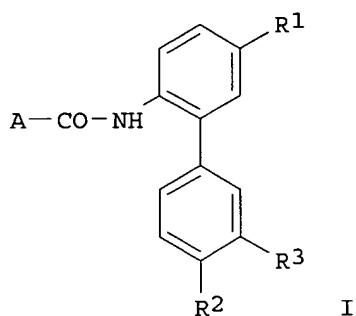


L36 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2005:346774 CAPLUS  
 DOCUMENT NUMBER: 142:387616  
 TITLE: Synergistic fungicidal combinations comprising carboxamide derivatives  
 INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hans-Ludwig; Suty-Heinze, Anne; Rieck, Heiko  
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 141 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005034628	A1	20050421	WO 2004-EP10830	20040928
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG

DE 10347090 A1 20050504 DE 2003-10347090 20031010  
 PRIORITY APPLN. INFO.: DE 2003-10347090 A 20031010  
 OTHER SOURCE(S): MARPAT 142:387616  
 GI



AB Synergistic fungicidal mixts. comprise a carboxamide derivative I [R1= H or F; R2 = halo, (halo)alkyl or (halo)alkoxy; , R3 = H, halo or (halo)alkyl; A = (un)substituted Ph, imidazolyl, thiazolyl, etc.] and any of 22 groups of known fungicides.

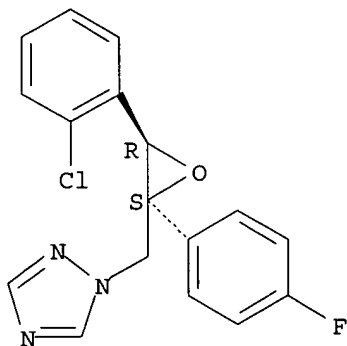
IT 133855-98-8D, Epoxiconazole, mixture with carboxamide derivative  
 175013-18-0D, Pyraclostrobin, mixture with carboxamide derivative  
 220899-03-6D, Metrafenone, mixture with carboxamide derivative  
 849674-26-6 849674-29-9

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic fungicidal combination)

RN 133855-98-8 CAPLUS

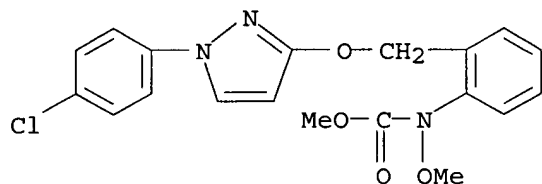
CN 1H-1,2,4-Triazole, 1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



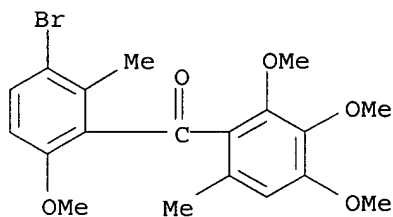
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



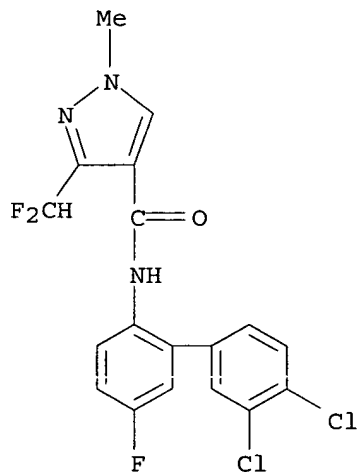
RN 849674-26-6 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

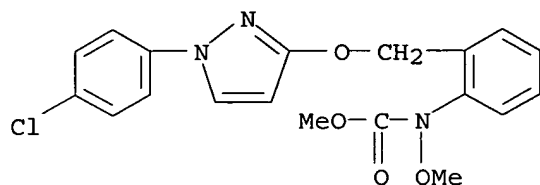




CM 2

CRN 175013-18-0

CMF C19 H18 Cl N3 O4



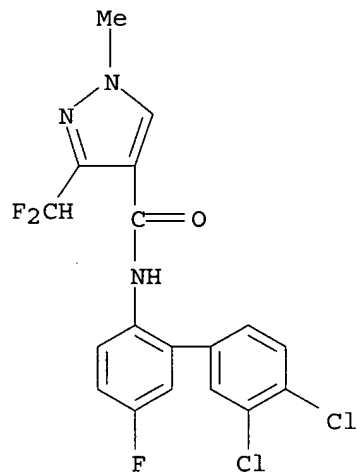
RN 849674-29-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI)  
(CA INDEX NAME)

CM 1

CRN 581809-46-3

CMF C18 H12 Cl2 F3 N3 O

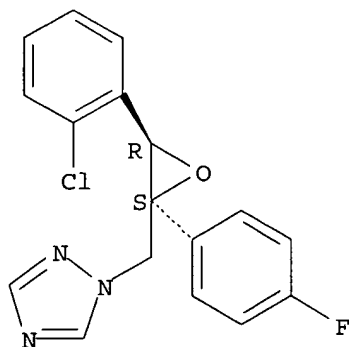


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:158472 CAPLUS

DOCUMENT NUMBER: 142:213718

TITLE: Use of alcohol alkylate adjuvants for benzamidoxime fungicidal derivatives

INVENTOR(S): Berghaus, Rainer; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 59 pp.

CODEN: PIXXD2

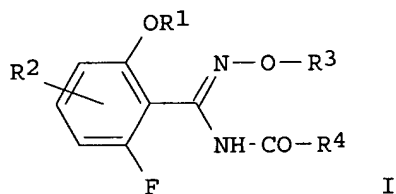
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005015998	A1	20050224	WO 2004-EP9122	20040813
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004264676	A1	20050224	AU 2004-264676	20040813
CA 2535176	AA	20050224	CA 2004-2535176	20040813
EP 1656019	A1	20060517	EP 2004-764116	20040813
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			DE 2003-10337560	A 20030814
			WO 2004-EP9122	W 20040813
OTHER SOURCE(S):		MARPAT 142:213718		
GI				



AB The invention relates to the use of alkoxyated alc. adjuvants for the improving fungicidal effect of the benzamidoxime derivs. I [R1 = di- or trifluoromethyl; R2 = H or F; R3 = (un)substituted alkyl, alkenyl or alkynyl; R4 = (un)substituted phenylalkyl, thienylalkyl, etc.], such as N-phenylacetyl-2-difluoromethoxy-5,6-difluorobenzamide-(O-cyclopropylmethyl)oxime or N-phenylacetyl-2-trifluoromethoxy-5,6-difluorobenzamide-(O-cyclopropylmethyl)oxime. Optionallly other fungicides, i.e. metrafenone, epoxiconazole and pyraclostrobin are included in the composition The prefered alkoxyated alc. is a C10-oxoalc. obtained by hydration of hydroformylated propene, butene or hexene trimer.

IT 133855-98-8D, Epoxiconazole, mixts. with benzamidoxime derivs.

175013-18-0D, Pyraclostrobin, mixts. with benzamidoxime derivs.

195611-04-2 220899-03-6D, Metrafenone, mixts. with

benzamidoxime derivs. 221201-92-9 445249-42-3

636603-37-7 841251-33-0

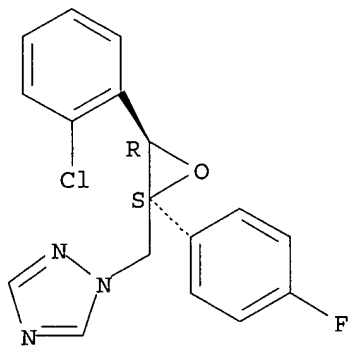
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(use of alc. alkylate adjuvants for benzamidoxime fungicidal derivs.)

RN 133855-98-8 CAPLUS

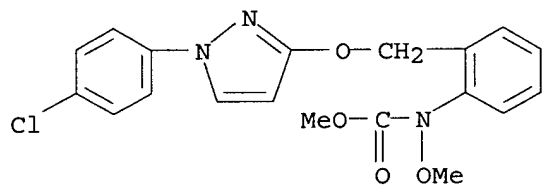
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



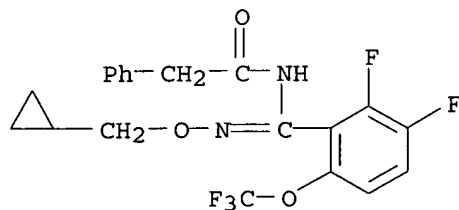
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



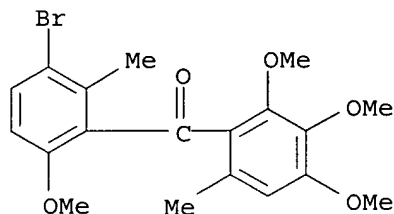
RN 195611-04-2 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino][2,3-difluoro-6-(trifluoromethoxy)phenyl]methylene]- (9CI) (CA INDEX NAME)



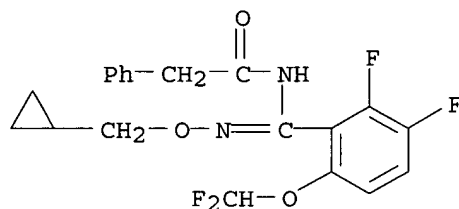
RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



RN 221201-92-9 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino][6-(difluoromethoxy)-2,3-difluorophenyl]methylene]- (9CI) (CA INDEX NAME)



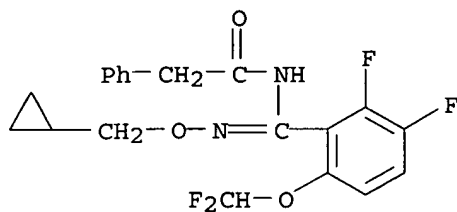
RN 445249-42-3 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino][6-(difluoromethoxy)-2,3-difluorophenyl]methylene]-, mixt. with (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)methanone (9CI) (CA INDEX NAME)

CM 1

CRN 221201-92-9

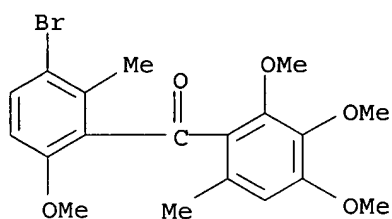
CMF C20 H18 F4 N2 O3



CM 2

CRN 220899-03-6

CMF C19 H21 Br O5



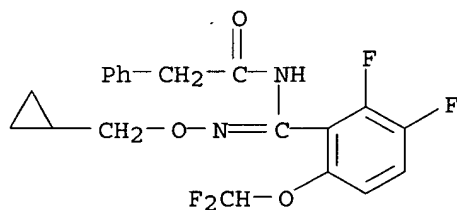
RN 636603-37-7 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]-, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone and rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 221201-92-9

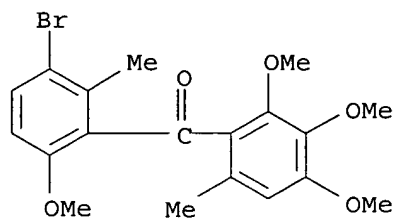
CMF C20 H18 F4 N2 O3



CM 2

CRN 220899-03-6

CMF C19 H21 Br O5

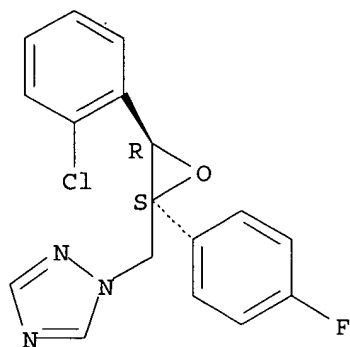


CM 3

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



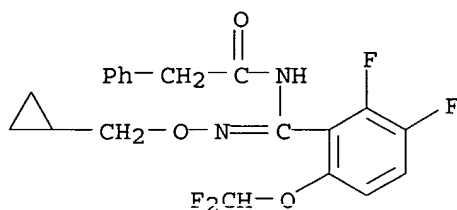
RN 841251-33-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone, rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole and N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]benzeneacetamide (9CI) (CA INDEX NAME)

CM 1

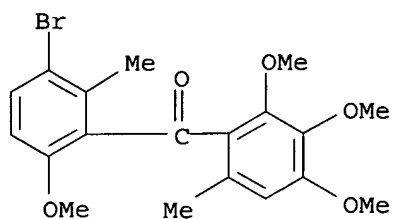
CRN 221201-92-9

CMF C20 H18 F4 N2 O3



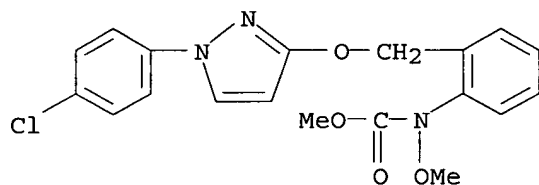
CM 2

CRN 220899-03-6  
CMF C19 H21 Br O5



CM 3

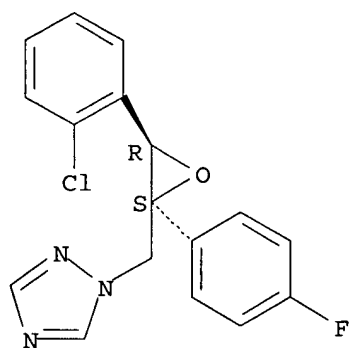
CRN 175013-18-0  
CMF C19 H18 Cl N3 O4



CM 4

CRN 133855-98-8  
CMF C17 H13 Cl F N3 O

Relative stereochemistry.



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004:796496 CAPLUS  
DOCUMENT NUMBER: 141:290547

TITLE: Fungicidal compositions comprising  
N-phenyl-N-[4-(4-pyridyl)-2-pyrimidin-2-yl]amine  
derivatives

INVENTOR(S): Ackerman, Peter; Stierli, Daniel; Jung, Pierre Marcel  
Joseph; Maienfisch, Peter; Cederbaum, Fredrik Emil  
Malcolm; Wenger, Jean-Frederic

PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.

SOURCE: Brit. UK Pat. Appl., 112 pp.  
CODEN: BAXXDU

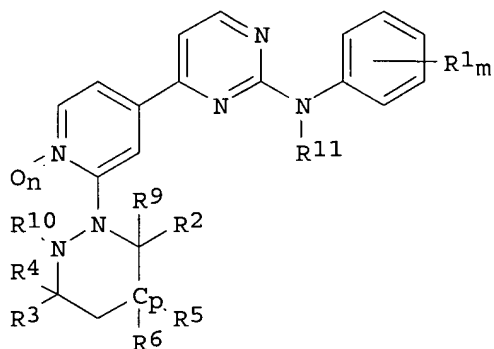
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2399754	A1	20040929	GB 2004-3967	20040223
PRIORITY APPLN. INFO.:			GB 2003-7269	A 20030328
OTHER SOURCE(S):	MARPAT	141:290547		
GI				



I

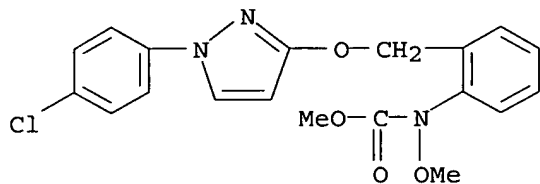
AB Compns. for protecting plants, especially fungicidal compns., comprise N-phenyl-N-[4-(4-pyridyl)-2-pyrimidin-2-yl]amine derivs. (I, R1 = halo or (un)substituted alkyl, alkoxy, alkenyloxy, alkynyloxy, thioalkyl, aryl, etc.; R2-R9 = H, (un)substituted alkyl, aryl, etc.; R10 = H, (un)substituted alkyl, alkenyl, etc.; R11 = H, C1-4 alkyl, C3-4 alkenyl, etc.; m = 0, 1, 2, or 3; n, p = 0 or 1; q = 1 or 2) or a salt thereof, together with a suitable carrier and optionally addnl. active compds. Thus, spraying 1-wk-old wheat plants 0.02% I (in a test with 7 such compds.) resulted in >70% control of fungal infection assessed 10 days after inoculation with Puccinia graminis.

IT 175013-18-0D, Pyraclostrobin, mixts. with phenyl[(pyridyl)pyrimidinyl]amine derivs.  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)  
(BAS 500F; fungicides for plant protection)

RN 175013-18-0 CAPLUS

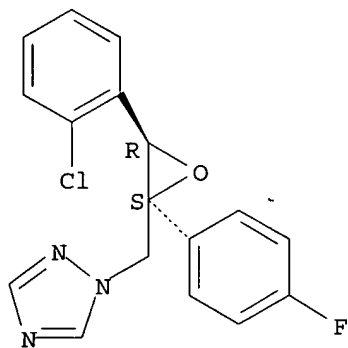
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



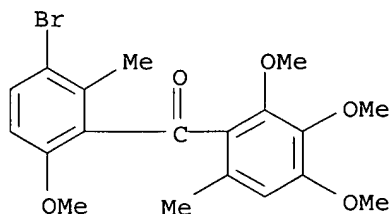


IT 133855-98-8D, Epoxiconazole, mixts. with  
phenyl[(pyridyl)pyrimidinyl]amine derivs. 220899-03-6D,  
Metrafenone, mixts. with phenyl[(pyridyl)pyrimidinyl]amine derivs.  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL  
(Biological study); USES (Uses)  
(fungicides for plant protection)  
RN 133855-98-8 CAPLUS  
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-  
fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 220899-03-6 CAPLUS  
CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-  
methylphenyl)- (9CI) (CA INDEX NAME)

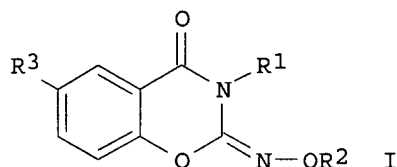


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 13 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004:387216 CAPLUS  
DOCUMENT NUMBER: 140:370223  
TITLE: Synergistic fungicide mixtures containing an oxazinone  
derivative  
INVENTOR(S): Rheinheimer, Joachim; Grote, Thomas; Ammermann,

Eberhard; Stierl, Reinhard; Strathmann, Siegfried;  
 Schoefl, Ulrich  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 26 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004039157	A1	20040513	WO 2003-EP11226	20031010
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003278066	A1	20040525	AU 2003-278066	20031010
PRIORITY APPLN. INFO.:			DE 2002-10250278	A 20021028
			WO 2003-EP11226	W 20031010
OTHER SOURCE(S):			MARPAT 140:370223	
GI				



AB The invention relates to synergistic fungicide mixts. containing an oxazine I  
 (R1 = Pr or Bu; R2 = Me, Et or Pr; R3 = F, Cl, Br or I) and at least one  
 known fungicide.

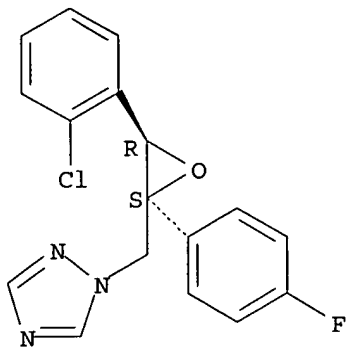
IT 133855-98-8D, Epoxiconazole, mixts. with oxazinone derivs.  
 175013-18-0D, Pyraclostrobin, mixts. with oxazinone derivs.  
 220899-03-6D, mixts. with oxazinone derivs. 221201-92-9D  
 , mixts. with oxazinone derivs.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic fungicides)

RN 133855-98-8 CAPLUS

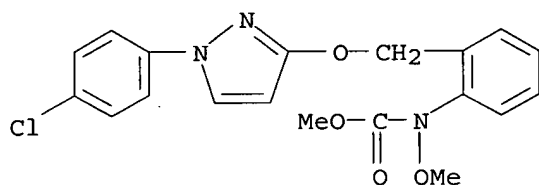
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-  
 fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



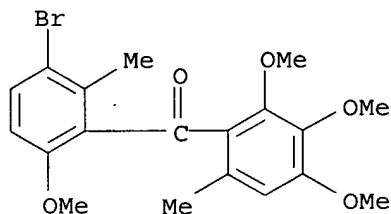
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



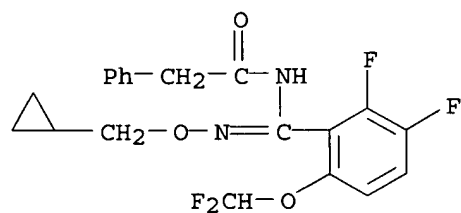
RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)- (9CI) (CA INDEX NAME)



RN 221201-92-9 CAPLUS

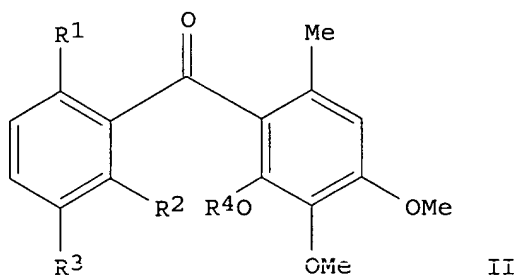
CN Benzeneacetamide, N-[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]- (9CI) (CA INDEX NAME)



L36 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:2594 CAPLUS  
 DOCUMENT NUMBER: 140:37411  
 TITLE: Synergistic fungicidal mixtures based on benzamidoxime derivatives, benzophenones, and an azole  
 INVENTOR(S): Ammermann, Eberhard; Stierl, Reinhard; Schoefl, Ulrich; Strathmann, Siegfried; Schelberger, Klaus; Scherer, Maria; Haden, Egon  
 PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 33 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000019	A1	20031231	WO 2003-EP5949	20030606
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2489290	AA	20031231	CA 2003-2489290	20030606
AU 2003246401	A1	20040106	AU 2003-246401	20030606
BR 2003011488	A	20050315	BR 2003-11488	20030606
EP 1517608	A1	20050330	EP 2003-760592	20030606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005529962	T2	20051006	JP 2004-514667	20030606
US 2005203188	A1	20050915	US 2004-516674	20041206
PRIORITY APPLN. INFO.:			DE 2002-10227656	A 20020620
			WO 2003-EP5949	W 20030606
OTHER SOURCE(S):		MARPAT 140:37411		
GI				



AB Fungicidal mixts. contain synergistically effective amts. of the following

active constituents: (1) N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]benzeneacetamide (I) or a derivative wherein the benzeneacetamide moiety may have 1-3 substituents on the Ph ring chosen from among halo, C1-C4 alkyl, C1-C4 alkyl halide, or C1-C4 (halo)alkoxy; (2) a benzophenone (II), in which R1 = Cl, Me, MeO, AcO, pivaloyloxy, or OH; R2 = Cl or Me; R3 = H, halo, or Me; and R4 = C1-C6 alkyl or benzyl, whereby the Ph portion of the benzyl radical can be substituted by halo or Me; (3) epoxiconazole and, optionally; (4) pyraclostrobin. Thus, I + metrafenone + epoxiconazole at 0.25 + 0.25 + 1 ppm (1:1:4 mixture) synergistically controlled wheat powdery mildew caused by *Erysiphe graminis tritici*.

IT 636603-37-7 636603-38-8

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)  
(as synergistic fungicide)

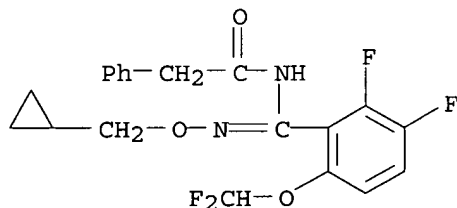
RN 636603-37-7 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]-, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone and rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 221201-92-9

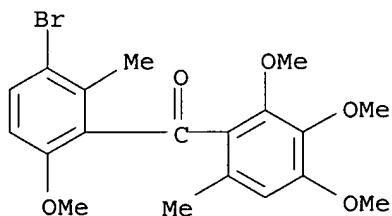
CMF C20 H18 F4 N2 O3



CM 2

CRN 220899-03-6

CMF C19 H21 Br O5

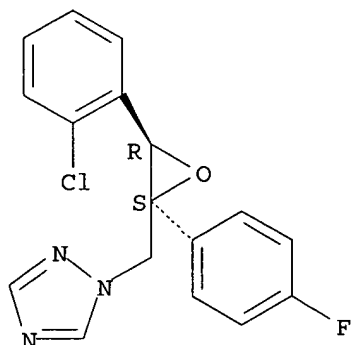


CM 3

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



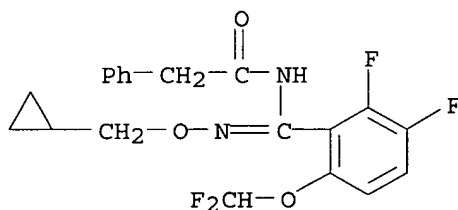
RN 636603-38-8 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone and N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]benzeneacetamide (9CI) (CA INDEX NAME)

CM 1

CRN 221201-92-9

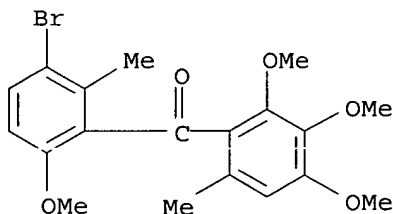
CMF C20 H18 F4 N2 O3



CM 2

CRN 220899-03-6

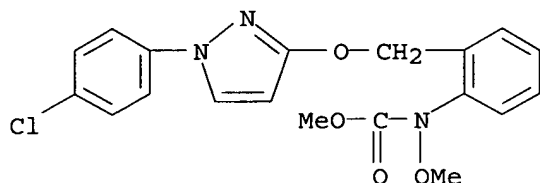
CMF C19 H21 Br O5



CM 3

CRN 175013-18-0

CMF C19 H18 Cl N3 O4

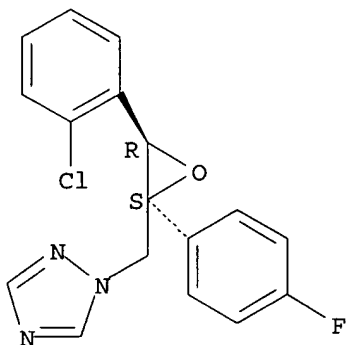


IT 133855-98-8D, Epoxiconazole, mixts. with benzamidoxime derivs. and benzophenones 175013-18-0D, Pyraclostrobin, mixts. with benzamidoxime derivs. and benzophenones 221201-92-9D, derivs., mixts. with benzophenones and azole  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)  
 (as synergistic fungicides)

RN 133855-98-8 CAPLUS

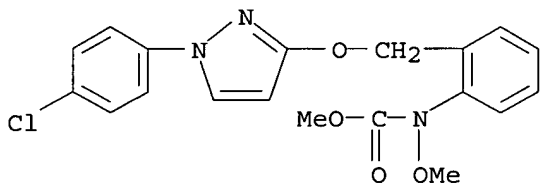
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 175013-18-0 CAPLUS

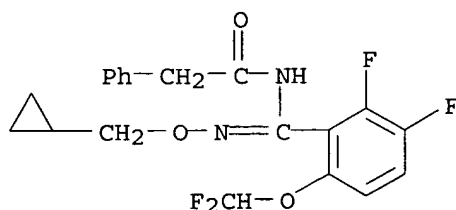
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 221201-92-9 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-

difluorophenyl]methylene]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 15 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:818206 CAPLUS

DOCUMENT NUMBER: 139:287645

TITLE: Synergistic fungicidal mixtures comprising benzamidoxime derivatives and azoles

INVENTOR(S): Ammermann, Eberhard; Stierl, Reinhard; Lorenz, Gisela; Strathmann, Siegfried; Schelberger, Klaus; Scherer, Maria; Haden, Egon

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

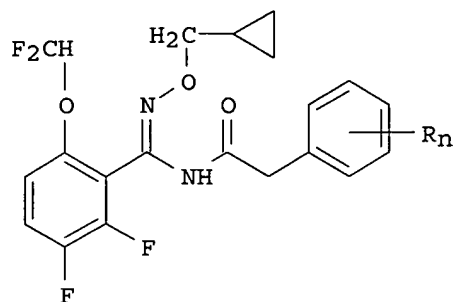
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003084330	A1	20031016	WO 2003-EP3432	20030402
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2480701	AA	20031016	CA 2003-2480701	20030402
AU 2003229594	A1	20031020	AU 2003-229594	20030402
EP 1494531	A1	20050112	EP 2003-722384	20030402
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003008830	A	20050125	BR 2003-8830	20030402
US 2005148547	A1	20050707	US 2003-509797	20030402
CN 1646014	A	20050727	CN 2003-807862	20030402
JP 2005527568	T2	20050915	JP 2003-581587	20030402
PRIORITY APPLN. INFO.:			DE 2002-10215145	A 20020405
			WO 2003-EP3432	W 20030402

OTHER SOURCE(S): MARPAT 139:287645

GI





I

AB Synergistic fungicidal mixts. comprise benzamidoxime derivs. I (R = H, halo, alkyl, haloalkyl, alkoxy or haloalkoxy; n = 1-3) and any of 22 triazoles, such as bromuconazole, cyproconazole, difenoconazole, diniconazole, epoxiconazole, fenbuconazole, fluquinconazole, flusilazole, hexaconazole, metconazole; prochloraz, etc.

IT 609344-76-5

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicidal composition)

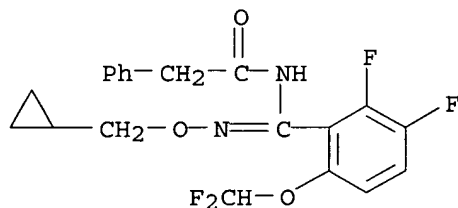
RN 609344-76-5 CAPLUS

CN Benzeneacetamide, N-[[cyclopropylmethoxy]amino][6-(difluoromethoxy)-2,3-difluorophenyl]methylene]-, mixt. with rel-1-[[2R,3S]-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 221201-92-9

CMF C20 H18 F4 N2 O3

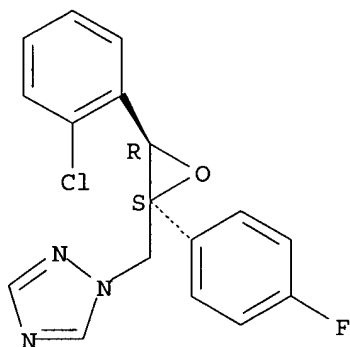


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:818205 CAPLUS

DOCUMENT NUMBER: 139:287644

TITLE: Synergistic fungicidal mixtures comprising benzamidoxime and strobilurin derivatives

INVENTOR(S): Ammermann, Eberhard; Stierl, Reinhard; Lorenz, Gisela; Strathmann, Siegfried; Schelberger, Klaus; Scherer, Maria; Haden, Egon

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

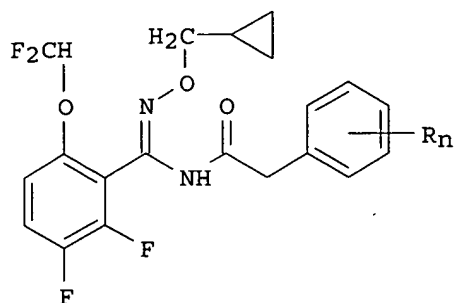
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003084329	A1	20031016	WO 2003-EP3429	20030402
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2480614	AA	20031016	CA 2003-2480614	20030402
AU 2003226774	A1	20031020	AU 2003-226774	20030402
EP 1494532	A1	20050112	EP 2003-745780	20030402
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003008831	A	20050125	BR 2003-8831	20030402
CN 1646013	A	20050727	CN 2003-807563	20030402
US 2005182051	A1	20050818	US 2003-509110	20030402
JP 2005527567	T2	20050915	JP 2003-581586	20030402
PRIORITY APPLN. INFO.:			DE 2002-10215146	A 20020405
			WO 2003-EP3429	W 20030402

OTHER SOURCE(S): MARPAT 139:287644

GI



I

AB The invention relates to a fungicidal mixture containing a benzamidoxime derivative

I, where R represents hydrogen, halogen, C1-C4 alkyl, C1-C4 haloalkyl, C1-C4 alkoxy or C1-C4 haloalkoxy and n represents 1-3; and at least one strobilurin derivative, selected from trifloxystrobin, picoxystrobin, pyraclostrobin, dimoxystrobin, kresoxim Me, azoxystrobin, or other strobilurin derivs. in a synergistically active quantity.

IT 609345-74-6

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicidal composition)

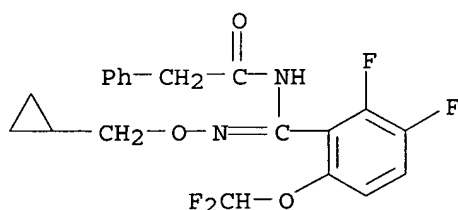
RN 609345-74-6 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with  
N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]benzeneacetamide (9CI) (CA INDEX NAME)

CM 1

CRN 221201-92-9

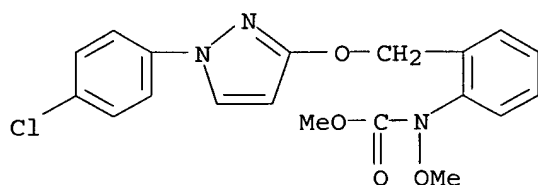
CMF C20 H18 F4 N2 O3



CM 2

CRN 175013-18-0

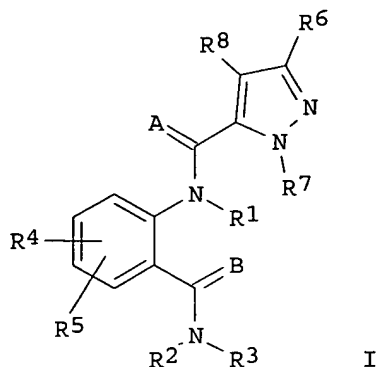
CMF C19 H18 Cl N3 O4



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2003:242097 CAPLUS  
 DOCUMENT NUMBER: 138:267201  
 TITLE: Pesticidal compositions for coating plant propagation material containing anthranilamides  
 INVENTOR(S): Berger, Richard Alan; Flexner, John Lindsey  
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA  
 SOURCE: PCT Int. Appl., 147 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003024222	A1	20030327	WO 2002-US30302	20020910
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2458163	AA	20030327	CA 2002-2458163	20020910
EP 1427285	A1	20040616	EP 2002-775972	20020910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012993	A	20040817	BR 2002-12993	20020910
JP 2005502716	T2	20050127	JP 2003-528126	20020910
JP 3770495	B2	20060426		
NZ 532269	A	20051028	NZ 2002-532269	20020910
ZA 2004000413	A	20050120	ZA 2004-413	20040120
US 2004209923	A1	20041021	US 2004-485125	20040126
PRIORITY APPLN. INFO.:			US 2001-323941P	P 20010921
			WO 2002-US30302	W 20020910
OTHER SOURCE(S):	MARPAT 138:267201			
GI				



AB An invertebrate pest control composition for coating a propagule comprises (1) a biol. effective amount of an anthranilamide compds. I (Markush included), an N-oxide thereof or an agriculturally suitable salt thereof, and (2) a film former or adhesive agent. Arthropodicidal composition containing anthranilamide compds. I may further comprise addnl. biol. active compds. selected from arthropodicides of the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones,  $\gamma$ -aminobutyric acid (GABA) antagonists, insecticidal ureas, and juvenile hormone mimics, and fungicides. The propagule is a seed of cotton, maize, soybean, rice, etc., or a rhizome, tuber, bulb or corm, or viable division thereof, of potato, sweet potato, garden onion, tulip, daffodil, crocus hyacinth, etc., or is a stem or leaf cutting.

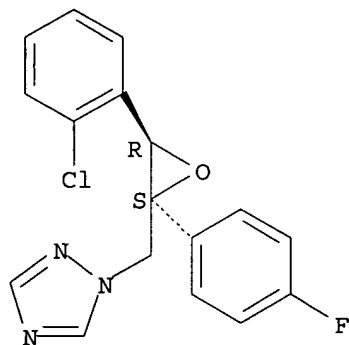
IT 133855-98-8, Epoxiconazole 175013-18-0, Pyraclostrobin  
220899-03-6, Metrafenone

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)  
(in pesticidal compns. for plant propagation material containing anthranilamides)

RN 133855-98-8 CAPLUS

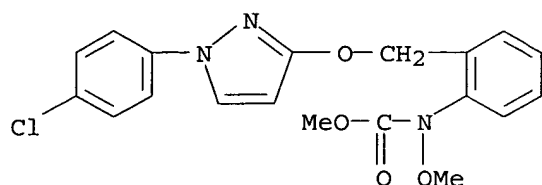
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



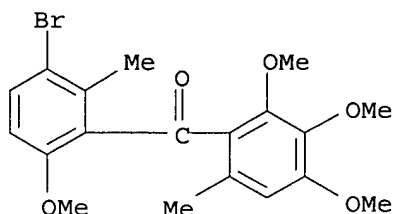
RN 175013-18-0 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



RN 220899-03-6 CAPLUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl) - (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:169613 CAPLUS

DOCUMENT NUMBER: 138:397549

TITLE: Anti-oxidative and anti-senescence effects of the strobilurin pyraclostrobin in plants: A new strategy to cope with environmental stress in cereals

AUTHOR(S): Jabs, T.; Pfirrmann, J.; Schafer, S.; Wu, Y. X.; von Tiedemann, A.

CORPORATE SOURCE: Agricultural Centre, Global Research Biology, BASF AG, Limburgerhof, 67114, Germany

SOURCE: BCPC Conference--Pests & Diseases (2002), (Vol. 2), 941-946

CODEN: BCDCAE

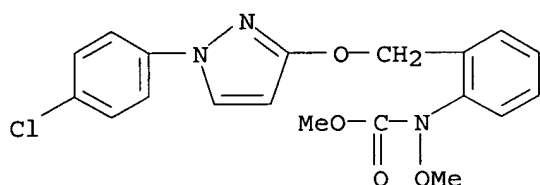
PUBLISHER: British Crop Protection Council

DOCUMENT TYPE: Journal

LANGUAGE: English

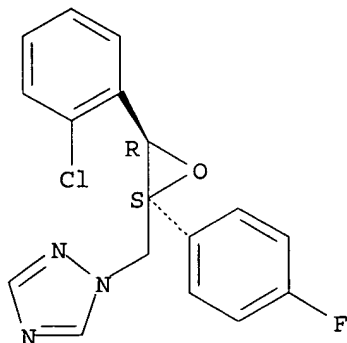
AB In addition to its broad spectrum fungicidal activity, the strobilurin pyraclostrobin had pos. effects on the crop yield in the absence of pathogen challenge. This physiol. effect on the plants was especially apparent under conditions of environmental stress. We have observed that pyraclostrobin prevented both symptom development and yield reduction by physiol. leaf spot in barley. Foliar application of pyraclostrobin reduced the production of reactive oxygen intermediates in barley leaf tissues by more than 50% and activated the plant antioxidative system. In addition, pyraclostrobin treatment prevented the release of stress-induced ethylene and premature senescence. Since the physiol. leaf spot disease and other environmental stresses are caused by changes in the genetic and metabolic regulation of reactive oxygen intermediates resulting in membrane-leakage, cell death or premature senescence, we postulate that the anti-oxidative and anti-senescence effects of pyraclostrobin are responsible for its ability to improve stress tolerance in plants.

IT 198697-58-4, Opera  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)  
 (pyraclostrobin-epoxiconazole mixture; anti-oxidative and anti-senescence effects of pyraclostrobin in barley)  
 RN 198697-58-4 CAPLUS  
 CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with  
 rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)  
 CM 1  
 CRN 175013-18-0  
 CMF C19 H18 Cl N3 O4



CM 2  
 CRN 133855-98-8  
 CMF C17 H13 Cl F N3 O

Relative stereochemistry.

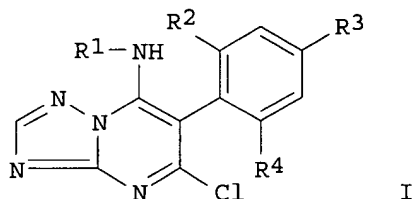


REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2002:675750 CAPLUS  
 DOCUMENT NUMBER: 137:181098  
 TITLE: Synergistic fungicidal mixtures comprising a benzophenone derivative  
 INVENTOR(S): Cotter, Henry Van Tuyl; Reichert, Gunter; Sieverding, Ewald; Jegerings, Petrus Martinus Franciscus Emanuel  
 PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 46 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002067679	A1	20020906	WO 2001-EP1823	20010219
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			WO 2001-EP1823	20010219
OTHER SOURCE(S):		MARPAT 137:181098		
GI				



AB Fungicidal compns. for controlling the growth of phytopathogenic fungi comprise synergistically effective amts. of (a) a benzophenone derivative (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone (REG 220899-03-6) and (b) at least one fungicidally active ingredient selected from groups (A), (B), (C), (D) and (E): (A) an ergosterol biosynthesis inhibitor; (B) a strobilurine derivative; (C) a melanin biosynthesis inhibitor; (D) a compound selected from the group consisting of acibenzolar, benomyl, captan, carboxin, chlorothalonil, copper, cyprodinil, dinocap, dithianon, dimethomorph, dodine, ethirimol, famoxadone, fenpiclonil, fluazinam, mancozeb, metalaxyl, pyrifenoxy, sulfur, vinclozolin; and (E) a triazolopyrimidine I (Markush included).

IT **451486-30-9 451486-57-0 451486-59-2**  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)  
 (synergistic fungicidal compns. containing)

RN 451486-30-9 CAPLUS

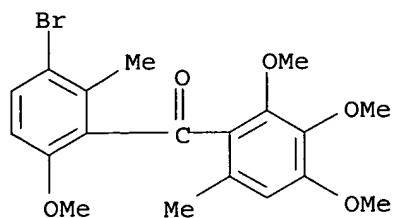
CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)-, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 220899-03-6

CMF C19 H21 Br O5



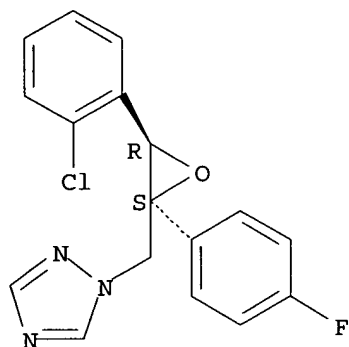


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



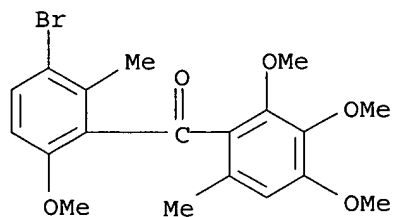
RN 451486-57-0 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, ( $\alpha$ E)-, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone and rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 220899-03-6

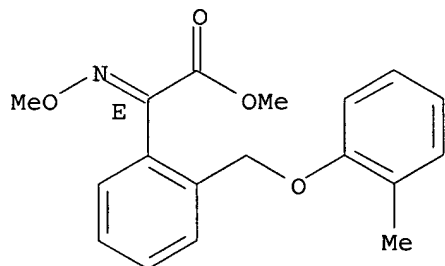
CMF C19 H21 Br O5



CM 2

CRN 143390-89-0  
CMF C18 H19 N O4

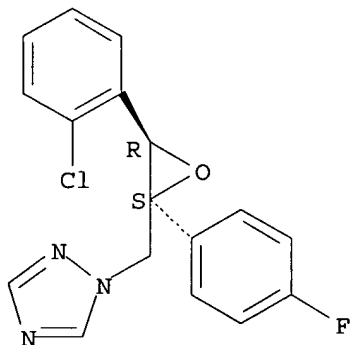
Double bond geometry as shown.



CM 3

CRN 133855-98-8  
CMF C17 H13 Cl F N3 O

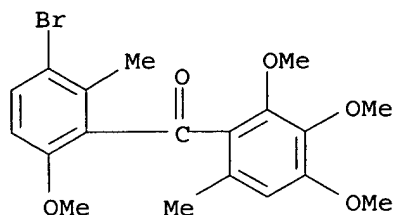
Relative stereochemistry.



RN 451486-59-2 CAPLUS  
CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)-, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole and (2R,6S)-rel-4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine (9CI)  
(CA INDEX NAME)

CM 1

CRN 220899-03-6  
CMF C19 H21 Br O5

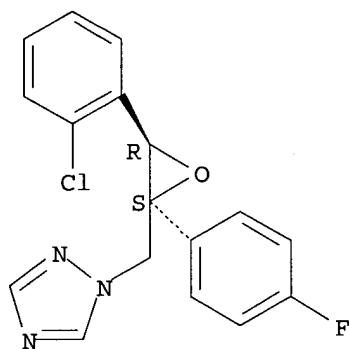


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.

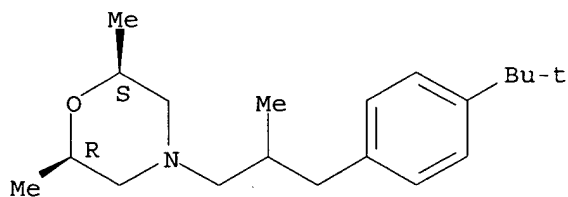


CM 3

CRN 67564-91-4

CMF C20 H33 N O

Relative stereochemistry.



REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:615338 CAPLUS

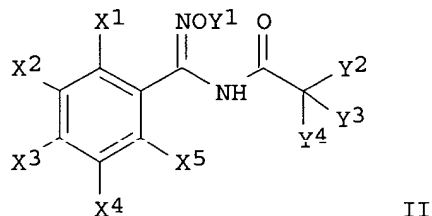
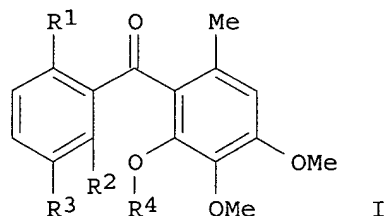
DOCUMENT NUMBER: 137:151318

TITLE: Synergistic fungicidal compositions containing a benzophenone and an oxime ether derivative

INVENTOR(S): Eicken, Karl; Rose, Ingo; Ammermann, Eberhard; Stierl, Reinhard; Lorenz, Gisela; Strathmann, Siegfried;

PATENT ASSIGNEE(S): Scherer, Maria; Schelberger, Klaus; Haden, Egon  
 SOURCE: Basf Aktiengesellschaft, Germany  
 PCT Int. Appl., 25 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002062140	A1	20020815	WO 2002-EP414	20020117
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2434664	AA	20020815	CA 2002-2434664	20020117
EP 1365650	A1	20031203	EP 2002-729924	20020117
EP 1365650	B1	20050824		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002006487	A	20040217	BR 2002-6487	20020117
JP 2004521896	T2	20040722	JP 2002-562152	20020117
NZ 527420	A	20040827	NZ 2002-527420	20020117
AT 302548	E	20050915	AT 2002-729924	20020117
ES 2247331	T3	20060301	ES 2002-2729924	20020117
US 2004054000	A1	20040318	US 2003-466332	20030714
ZA 2003006359	A	20040901	ZA 2003-6359	20030815
PRIORITY APPLN. INFO.:			DE 2001-10102281	A 20010118
			WO 2002-EP414	W 20020117
OTHER SOURCE(S):	MARPAT 137:151318			
GI				



AB The invention relates to synergistic fungicidal compns. comprising benzophenones I (R1 = Cl, Me, MeO, AcO, pivaloyloxy or OH; R2 = Cl or Me; R3 = H, halo or Me; R4 = C1-6 alkyl or benzyl, whereby the Ph part of the benzyl group can bear a halo or Me substituent) and oxime ether derivs. II [X1 = C1-4 haloalkyl or haloalkoxy; X1-5 = H, halo, C1-4 alkyl, haloalkyl, alkoxy or haloalkoxy; Y1 = (un)substituted C1-4 alkyl, C2-6 alkenyl, alkynyl or C1-4 alkyl(C3-7)cycloalkyl; Y2 = (un)substituted Ph or heterocyclyl; Y3, Y4 = H, C1-4 alkyl, alkoxy, alkylthio, alkylamino, haloalkyl or haloalkoxy].

IT 445249-42-3 445249-43-4

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicidal composition)

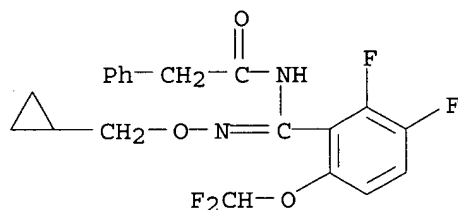
RN 445249-42-3 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]-, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone (9CI) (CA INDEX NAME)

CM 1

CRN 221201-92-9

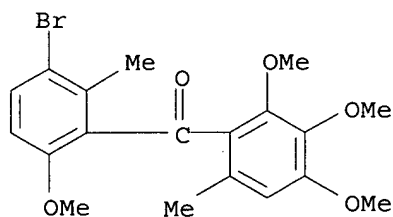
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CM 2

CRN 220899-03-6

CMF C19 H21 Br O5

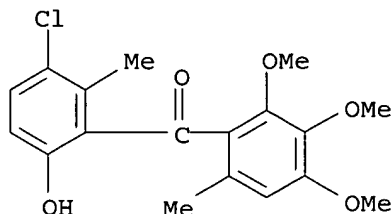


RN 445249-43-4 CAPLUS

CN Benzeneacetamide, N-[[[(cyclopropylmethoxy)amino] [6-(difluoromethoxy)-2,3-difluorophenyl]methylene]-, mixt. with (3-chloro-6-hydroxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone (9CI) (CA INDEX NAME)

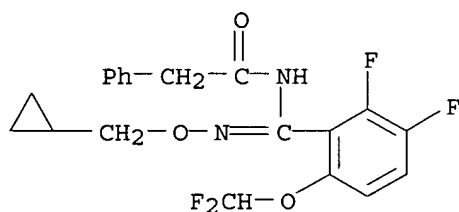
CM 1

CRN 252955-12-7  
CMF C18 H19 Cl O5



CM 2

CRN 221201-92-9  
CMF C20 H18 F4 N2 O3



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2002:602334 CAPLUS  
DOCUMENT NUMBER: 137:347825  
TITLE: Efficiency of fungicides to control anthracnose and angular leaf spot in common beans  
AUTHOR(S): Rava, Carlos A.  
CORPORATE SOURCE: Embrapa Arroz e Feijao, Santo Antonio de Goias, Brazil  
SOURCE: Summa Phytopathologica (2002), 28(1), 65-69  
CODEN: SUPHDV; ISSN: 0100-5405  
PUBLISHER: Grupo Paulista de Fitopatologia  
DOCUMENT TYPE: Journal  
LANGUAGE: Portuguese

AB The effect of spray applications of two active ingredients, alone and in mixts.: epoxyconazole to control angular leafspot and pyraclostrobin, to control both anthracnose and angular leaf spot of common beans was studied. The treatments tested for control of anthracnose were: carbendazim + epoxyconazole (250 + 12.5 g ha<sup>-1</sup>); thiophanate Me + epoxyconazole (300 + 12,5 g ha<sup>-1</sup>); pyraclostrobin (50, 75, 100 g ha<sup>-1</sup>); pyraclostrobin + epoxyconazole (26.6 + 10 33.3 + 12.5 g ha<sup>-1</sup>); tebuconazole (200 g ha<sup>-1</sup>); and the check. For the angular leaf spot control trial, besides the above treatments were also included: epoxyconazole (12.5 g ha<sup>-1</sup>); azoxystrobin (60 g ha<sup>-1</sup>); tebuconazole (200 g ha<sup>-1</sup>); and thiophanate Me + chlorothalonil (350+875 g ha<sup>-1</sup>). Pyraclostrobin alone or in mixture with epoxyconazole, significantly reduced

anthracnose severity, in all tested doses. All fungicides and doses tested to control anthracnose increased grain yield significantly, reaching as much as 97% increase in comparison with the check. Epoxyconazole alone or in mixts., showed high efficiency for control angular leaf spot. The effect of pyraclostrobin in all three doses tested and its mixture with epoxyconazole did not differ from epoxyconazole alone and in mixture with carbendazim and thiophanate. These treatments showed significantly higher control efficiency of angular leaf spot than azoxystrobin, tebuconazole and thiophanate Me + chorothalonil.

IT 198697-58-4, Pyraclostrobin-epoxiconazole mixture  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (fungicides for control anthracnose and angular leaf spot in common beans)

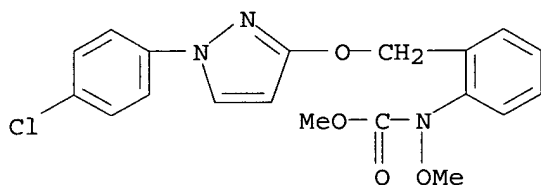
RN 198697-58-4 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with  
 rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 175013-18-0

CMF C19 H18 Cl N3 O4

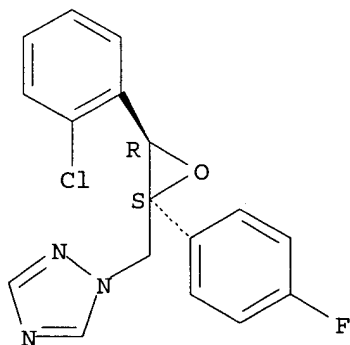


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



REFERENCE COUNT:

28

THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:555272 CAPLUS

DOCUMENT NUMBER: 137:105160

TITLE: Synergistic fungicide mixtures

INVENTOR(S): Mueller, Bernd; Rose, Ingo; Ammermann, Eberhard;  
Stierl, Reinhard; Lorenz, Gisela; Strathmann,  
Siegfried; Scherer, Maria; Schelberger, Klaus;  
Leyendecker, Joachim; Haden, Egon

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

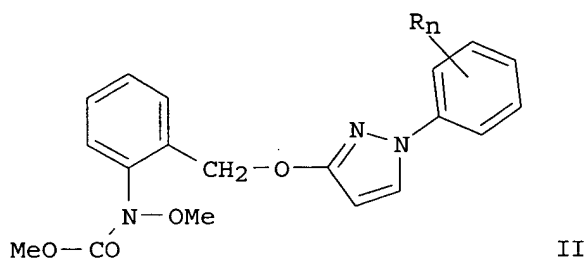
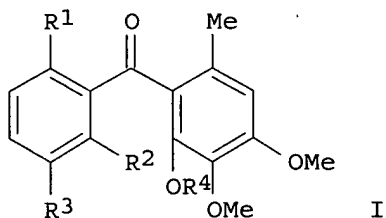
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002056686	A1	20020725	WO 2002-EP411	20020117
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2434684	AA	20020725	CA 2002-2434684	20020117
EP 1353554	A1	20031022	EP 2002-710012	20020117
EP 1353554	B1	20040630		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
EE 200300337	A	20031215	EE 2003-337	20020117
BR 2002006494	A	20040106	BR 2002-6494	20020117
AT 270041	E	20040715	AT 2002-710012	20020117
JP 2004521887	T2	20040722	JP 2002-557205	20020117
PT 1353554	T	20041130	PT 2002-710012	20020117
ES 2224051	T3	20050301	ES 2002-2710012	20020117
NZ 527419	A	20050429	NZ 2002-527419	20020117
BG 107964	A	20040227	BG 2003-107964	20030702
US 2004077700	A1	20040422	US 2003-466168	20030714
ZA 2003006358	A	20040830	ZA 2003-6358	20030815
PRIORITY APPLN. INFO.:			DE 2001-10102279	A 20010118
			DE 2001-10123734	A 20010515
			WO 2002-EP411	W 20020117
OTHER SOURCE(S):	MARPAT 137:105160			
GI				





AB The title mixts. comprise a benzophenone I (R1 = Cl, Me, AcO, pivaloyloxy or OH; R2 = Cl or Ne; R3 = H, halo or Me; R4 = alkyl, benzyl, halobenzyl or methylbenzyl) a carbamate II (R = halo, alkyl or haloalkyl; n = 1 or 2) and an azole derivative, such as epoxyconazole, metconazole, propiconazole or tebuconazole.

IT 133855-98-8D, mixts. with benzophenone ans carbamate derivs.

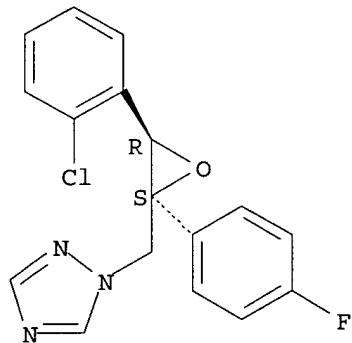
443102-41-8 443102-48-5 443102-54-3

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicide mixture)

RN 133855-98-8 CAPLUS

CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

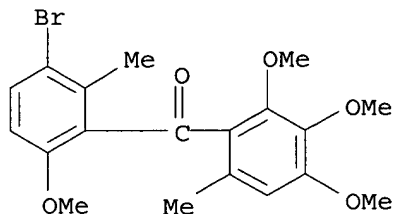


RN 443102-41-8 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone and rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

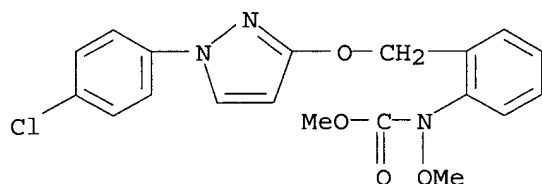
CM 1

CRN 220899-03-6  
CMF C19 H21 Br O5



CM 2

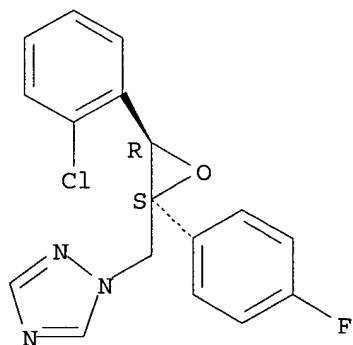
CRN 175013-18-0  
CMF C19 H18 Cl N3 O4



CM 3

CRN 133855-98-8  
CMF C17 H13 Cl F N3 O

Relative stereochemistry.

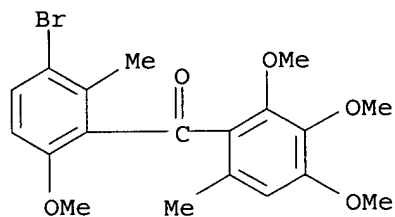


RN 443102-48-5 CAPLUS  
CN Carbamic acid, methoxy[2-[[[1-(4-methylphenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]-, methyl ester, mixt. with (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)methanone and rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 220899-03-6

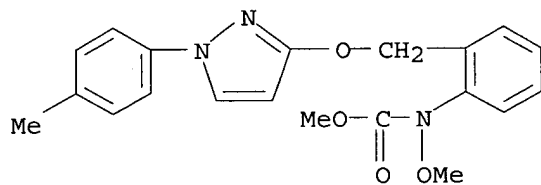
CMF C19 H21 Br O5



CM 2

CRN 175013-22-6

CMF C20 H21 N3 O4

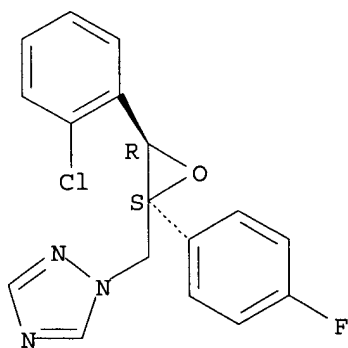


CM 3

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



RN 443102-54-3 CAPLUS

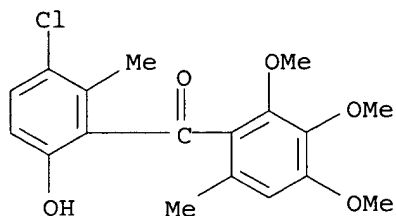
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with (3-chloro-6-hydroxy-2-methylphenyl) (2,3,4-trimethoxy-6-

methylphenyl)methanone and rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 252955-12-7

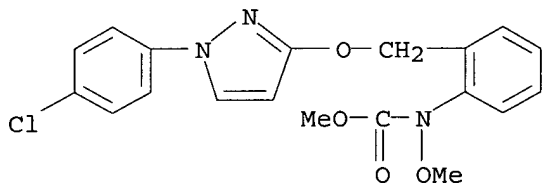
CMF C18 H19 Cl O5



CM 2

CRN 175013-18-0

CMF C19 H18 Cl N3 O4

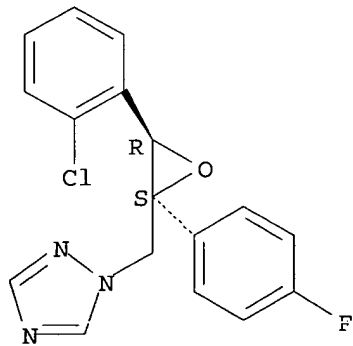


CM 3

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:106491 CAPLUS

DOCUMENT NUMBER: 136:351622

TITLE: Evaluation of fungicides in control of spot-type net blotch on barley

AUTHOR(S): Jayasena, K. W.; Loughman, R.; Majewski, J.

CORPORATE SOURCE: Agriculture Western Australia, Albany, 6330, Australia

SOURCE: Crop Protection (2002), 21(1), 63-69

CODEN: CRPTD6; ISSN: 0261-2194

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Ten fungicides (pyraclostrobin, tebuconazole, flutriafol, epoxiconazole, propiconazole, triadimefon, azoxystrobin, trifloxystrobin, difenoconazole and a mixture of propiconazole with iprodione) were evaluated as single applications for control of spot-type net blotch of barley caused by *Drechslera teres maculata* at three locations during 1999 and 2000. Under moderate disease severity, yield losses ranged from 17-19% depending on location and under high disease severity, yield losses reached 32%. Pyraclostrobin, propiconazole and a mixture of propiconazole with iprodione were the most effective in controlling disease, improving yield and grain quality. These fungicides show most promise as com. treatments when yield and quality are taken into account. Azoxystrobin, trifloxystrobin, difenoconazole and epoxiconazole also provided disease control.

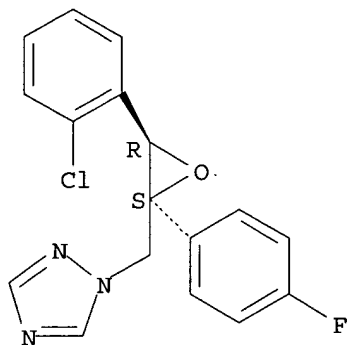
IT 133855-98-8, Epoxiconazole 175013-18-0, (Pyraclostrobin

RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(fungicides in control of spot-type net blotch on barley)

RN 133855-98-8 CAPLUS

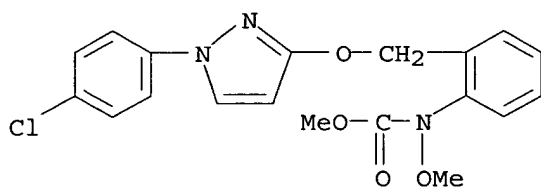
CN 1H-1,2,4-Triazole, 1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 175013-18-0 CAPLUS

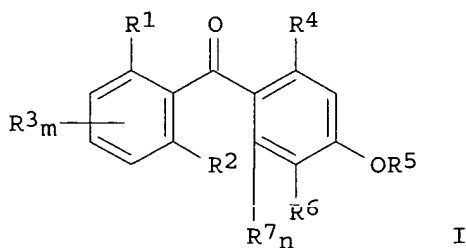
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2000:534803 CAPLUS  
 DOCUMENT NUMBER: 133:131168  
 TITLE: Synergistic fungicidal mixtures  
 INVENTOR(S): Van Tuyl Cotter, Henry; Reichert, Gunter; Sieverding, Ewald; Jegerings, Petrus Martinus Franciscus Emanuel  
 PATENT ASSIGNEE(S): American Cyanamid Co., USA; BASF AG  
 SOURCE: Eur. Pat. Appl., 48 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1023834	A1	20000802	EP 2000-300637	20000128
EP 1023834	B1	20040407		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6346535	B1	20020212	US 1999-240412	19990129
US 6521628	B1	20030218	US 2000-492440	20000127
AT 263486	E	20040415	AT 2000-300637	20000128
PT 1023834	T	20040630	PT 2000-300637	20000128
ES 2218066	T3	20041116	ES 2000-300637	20000128
US 2002099062	A1	20020725	US 2002-46190	20020116
US 6498194	B2	20021224		
US 2002099063	A1	20020725	US 2002-46197	20020116
US 6734202	B2	20040511		
PRIORITY APPLN. INFO.:			US 1999-117725P	P 19990129
			US 1999-240412	A 19990129
OTHER SOURCE(S):			MARPAT 133:131168	
GI				



AB The title compns. comprise a benzophenone derivative mixed with at least one fungicide selected from a ergosterol biosynthesis inhibitor, a strobilurine derivative, a melanin biosynthesis inhibitor, a compound selected from acibenzolar, benomyl, captan, carboxin, chlorothalonil, copper, cyprodinil, dinocap, dithianon, dimethomorph, dodine, ethirimol, famoxadone, fenpiclonil, fluazinam, mancozeb, metalaxyl, pyrifenoxy, sulfur, vinclozolin, and/or an azolopyrimidine derivative (Markush given). The benzophenone derivative is I [R1 = OH, halo or (un)substituted alkyl, alkanoyloxy or alkoxy; R2 = halo or (un)substituted alkyl; R3 = halo, NO2 or (un)substituted alkyl or alkoxy; R4 = halo, CN, OH, CO2H, NH2, NO2, or (un)substituted alkyl, alkoxy, alkenyl, alkylthio, alkylsulfinyl or alkylsulfonyl; R5 = (un)substituted alkyl; R6 = halo, NO2, (un)substituted alkyl, alkoxy, aryloxy, etc.; R7 = halo, (un)substituted (cyclo)alkyl, alkenyl, (cyclo)alkoxy, etc.; m = 0, 1-3; n = 0 or 1].

IT 286844-54-0 286844-62-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicidal composition)

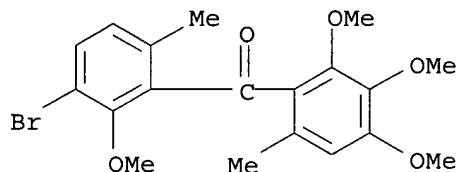
RN 286844-54-0 CAPLUS

CN Methanone, (3-bromo-2-methoxy-6-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)-, mixt. with rel-1-[[ (2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 286837-21-6

CMF C19 H21 Br O5

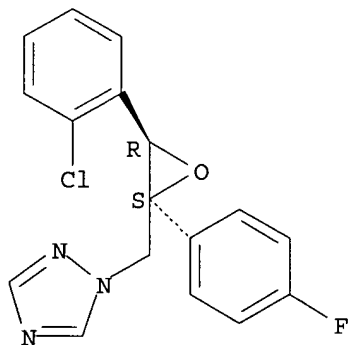


CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.



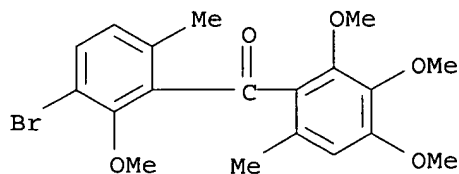
RN 286844-62-0 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, ( $\alpha$ E)-, mixt. with (3-bromo-2-methoxy-6-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)methanone and rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 286837-21-6

CMF C19 H21 Br O5

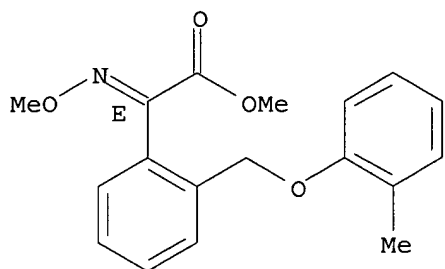


CM 2

CRN 143390-89-0

CMF C18 H19 N O4

Double bond geometry as shown.



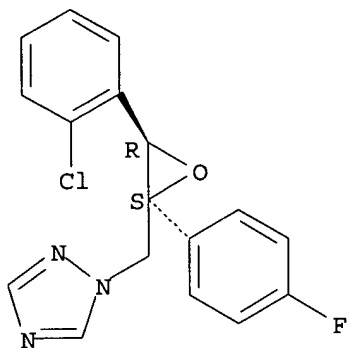
CM 3

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.





REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:804135 CAPLUS

DOCUMENT NUMBER: 130:48707

TITLE: Synergistic fungicidal mixtures

INVENTOR(S): Schelberger, Klaus; Saur, Reinhold; Sauter, Hubert; Mueller, Bernd; Birner, Erich; Leyendecker, Joachim; Hampel, Manfred; Ammermann, Eberhard; Lorenz, Gisela; Strathmann, Siegfried

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9854969	A1	19981210	WO 1998-EP2946	19980520
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, KG, MD, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2291761	AA	19981210	CA 1998-2291761	19980520
AU 9879139	A1	19981221	AU 1998-79139	19980520
AU 749368	B2	20020627		
EP 986304	A1	20000322	EP 1998-929343	19980520
EP 986304	B1	20020724		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI, FI				
BR 9809720	A	20000711	BR 1998-9720	19980520
NZ 501240	A	20010629	NZ 1998-501240	19980520
JP 2002503234	T2	20020129	JP 1999-501392	19980520
AT 220855	E	20020815	AT 1998-929343	19980520
PT 986304	T	20021231	PT 1998-929343	19980520
ES 2181237	T3	20030216	ES 1998-929343	19980520
SK 283266	B6	20030401	SK 1999-1634	19980520
IL 132911	A1	20040620	IL 1998-132911	19980520
PL 189807	B1	20050930	PL 1998-337191	19980520
ZA 9804757	A	19991203	ZA 1998-4757	19980603
TW 568751	B	20040101	TW 1998-87108722	19980603
MX 9910519	A	20000531	MX 1999-10519	19991116

US 6369090  
PRIORITY APPLN. INFO.:

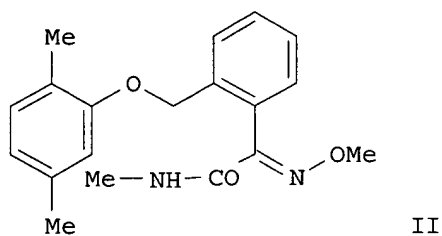
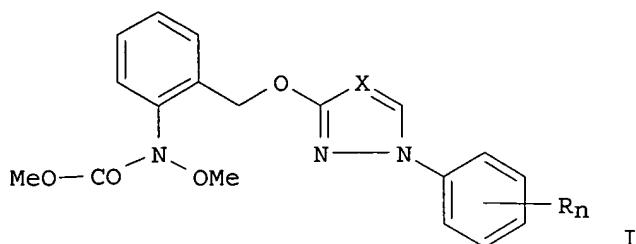
B1 20020409

US 1999-424916  
DE 1997-19723281  
WO 1998-EP2946

19991201  
A 19970604  
W 19980520

OTHER SOURCE(S):  
GI

MARPAT 130:48707



AB The title ternary mixts. contain a carbamate I (X = CH or N; n = 0, 1 or 2; R = halo, alkyl or haloalkyl) or the oxime ether carboxylic acid amide II and fenpropimorph, tridemorph or fenpropidin and an azole fungicide.

IT 217299-80-4 217299-84-8

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(synergistic fungicide)

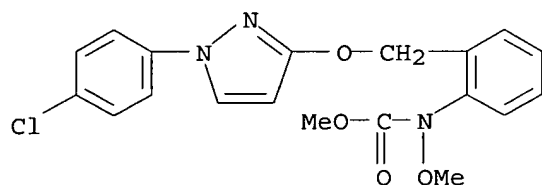
RN 217299-80-4 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole and (2R,6S)-rel-4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

CM 1

CRN 175013-18-0

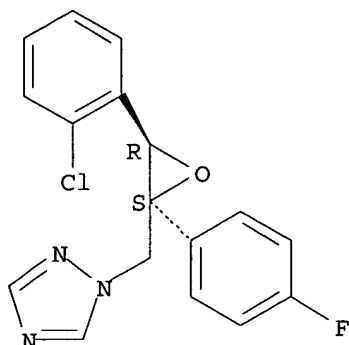
CMF C19 H18 Cl N3 O4



CM 2

CRN 133855-98-8  
CMF C17 H13 Cl F N3 O

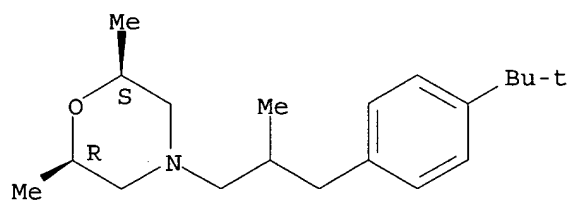
Relative stereochemistry.



CM 3

CRN 67564-91-4  
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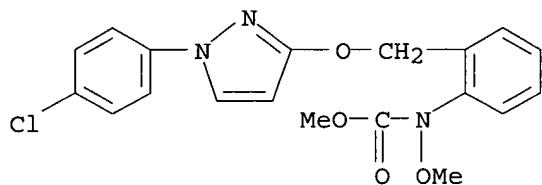
Relative stereochemistry.



RN 217299-84-8 CAPLUS  
CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole and tridemorph (9CI) (CA INDEX NAME)

CM 1

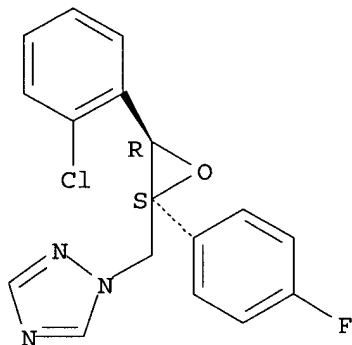
CRN 175013-18-0  
CMF C19 H18 Cl N3 O4



CM 2

CRN 133855-98-8  
CMF C17 H13 Cl F N3 O

Relative stereochemistry.



CM 3

CRN 81412-43-3  
CMF Unspecified  
CCI MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:740082 CAPLUS

DOCUMENT NUMBER: 128:1203

TITLE: Synergistic fungicide mixture

INVENTOR(S): Mueller, Bernd; Sauter, Hubert; Ammermann, Eberhard; Lorenz, Gisela; Strathmann, Siegfried; Saur, Reinhold; Schelberger, Klaus; Leyendecker, Joachim

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9740688	A1	19971106	WO 1997-EP2047	19970423
W: AU, BG, BR, CA, CN, CZ, GE, HU, IL, JP, KR, LV, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2252677	AA	19971106	CA 1997-2252677	19970423
AU 9727683	A1	19971119	AU 1997-27683	19970423
AU 732260	B2	20010412		
ZA 9703476	A	19981023	ZA 1997-3476	19970423
EP 900021	A1	19990310	EP 1997-921705	19970423
EP 900021	B1	20020619		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, SI				

CN 1216443	A	19990512	CN 1997-194054	19970423
BR 9708873	A	19990803	BR 1997-8873	19970423
JP 2000509061	T2	20000718	JP 1997-538550	19970423
IL 126231	A1	20001206	IL 1997-126231	19970423
AT 219328	E	20020715	AT 1997-921705	19970423
PT 900021	T	20021129	PT 1997-921705	19970423
SK 282834	B6	20021203	SK 1998-1442	19970423
ES 2179330	T3	20030116	ES 1997-921705	19970423
CZ 291460	B6	20030312	CZ 1998-3291	19970423
PL 187929	B1	20041130	PL 1997-329521	19970423
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US 6180638	B1	20010130	US 1998-171648	19981022
US 6245792	B1	20010612	US 2000-702123	20001031
PRIORITY APPLN. INFO.:			DE 1996-19616717	A 19960426
			DE 1996-19617074	A 19960429
			DE 1996-19617075	A 19960429
			DE 1996-19618676	A 19960509
			WO 1997-EP2047	W 19970423
			US 1998-171648	A3 19981022
OTHER SOURCE(S):			MARPAT 128:1203	
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB This invention concerns a fungicide mixture containing in synergistically effective quantities a carbamate I [T = CH or N; n = 0, 1 or 2; R = halo or (halo)alkyl] and an oxime ether II [X = O or NH; Y = CH or N; Z = O, S, NH or alkyl amino; R1 = (halo)alkyl, (halo)alkenyl, (halo)alkynyl, cycloalkylmethyl or (un)substituted benzyl] or the oxime ether carboxylic ester III, the oxime ether carboxylic acid amide IV, the methoxyacrylic acid ester V, bromuconazole, cyproconazole, difenoconazole, diniconazole, epoxiconazole, fenbuconazole, fluquinconazole, flusilazol, hexaconazole, metconazole, prochloraz, propiconazole, tebuconazole, tetraconazole, triflumizol flutriafol, or myclobutanil.

IT 198697-58-4

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicide)

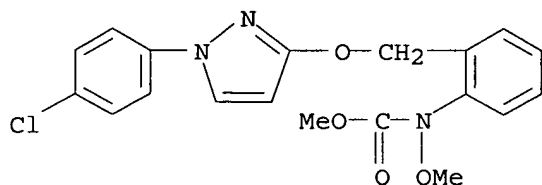
RN 198697-58-4 CAPLUS

CN Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with rel-1-[[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 175013-18-0

CMF C19 H18 Cl N3 O4



CM 2

CRN 133855-98-8

CMF C17 H13 Cl F N3 O

Relative stereochemistry.

